

FOB2E0" 02E02860

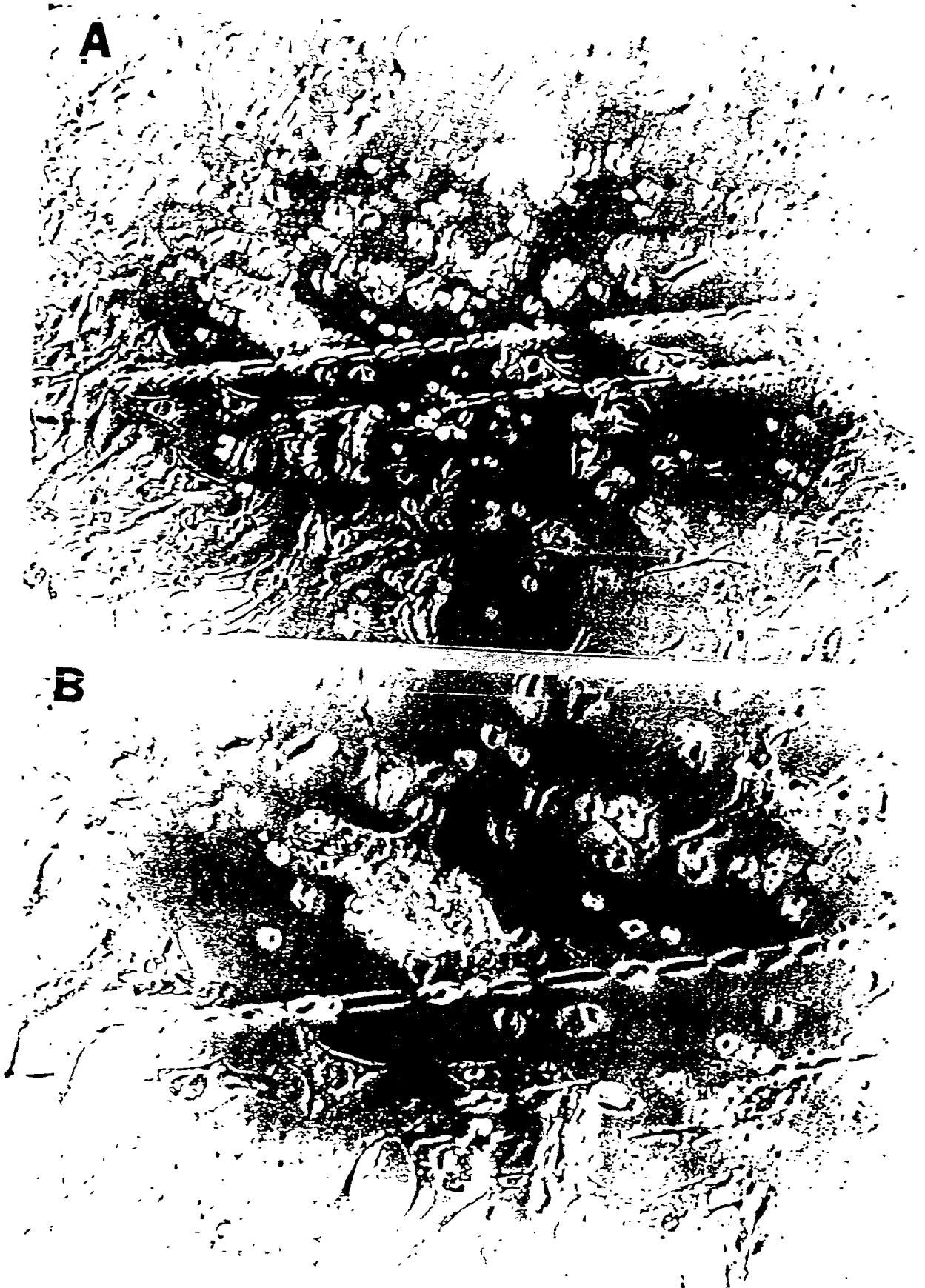


Figure 1

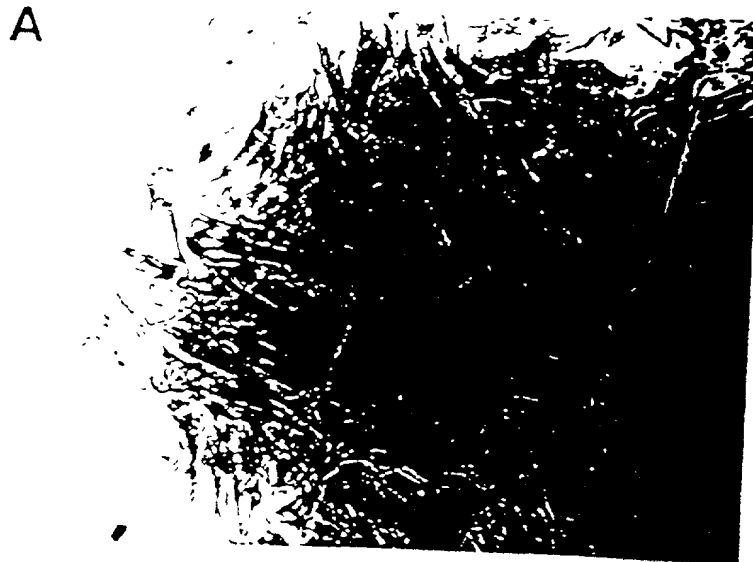


Figure 2

A



B



C

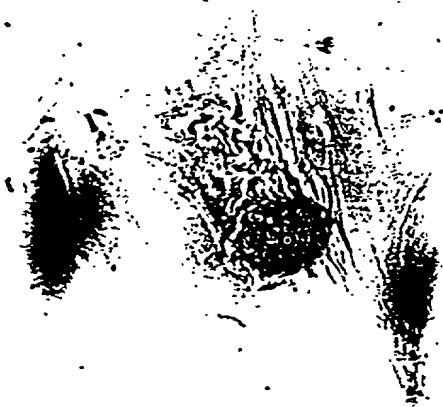
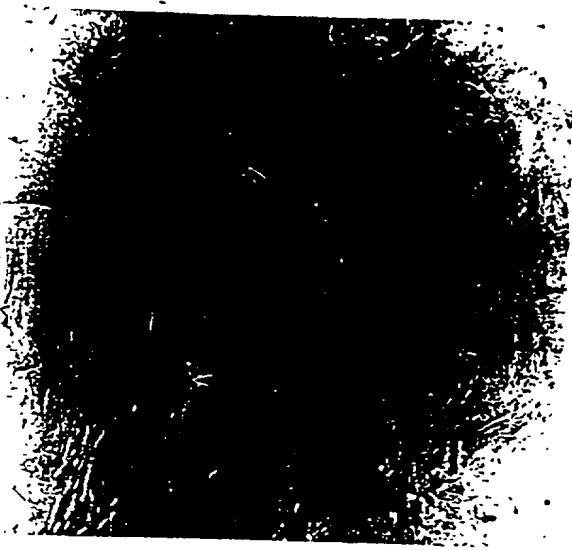


Figure 3

A



B



C

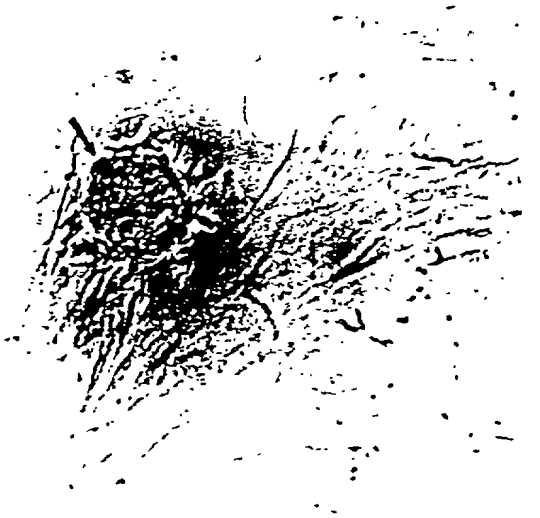


Figure 4

FOI b7E b7C b7D b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z

A



B

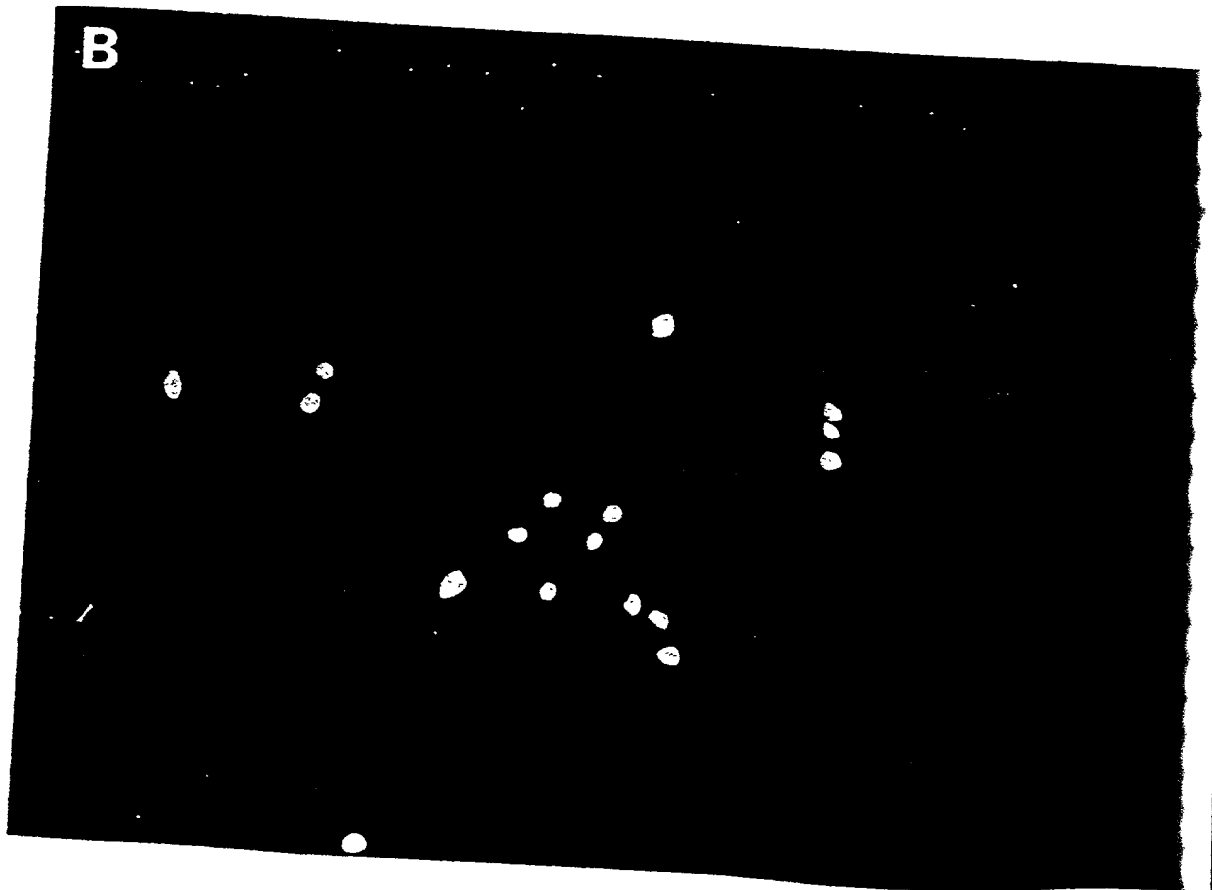


Figure 5

TOB2E0"02E02B50

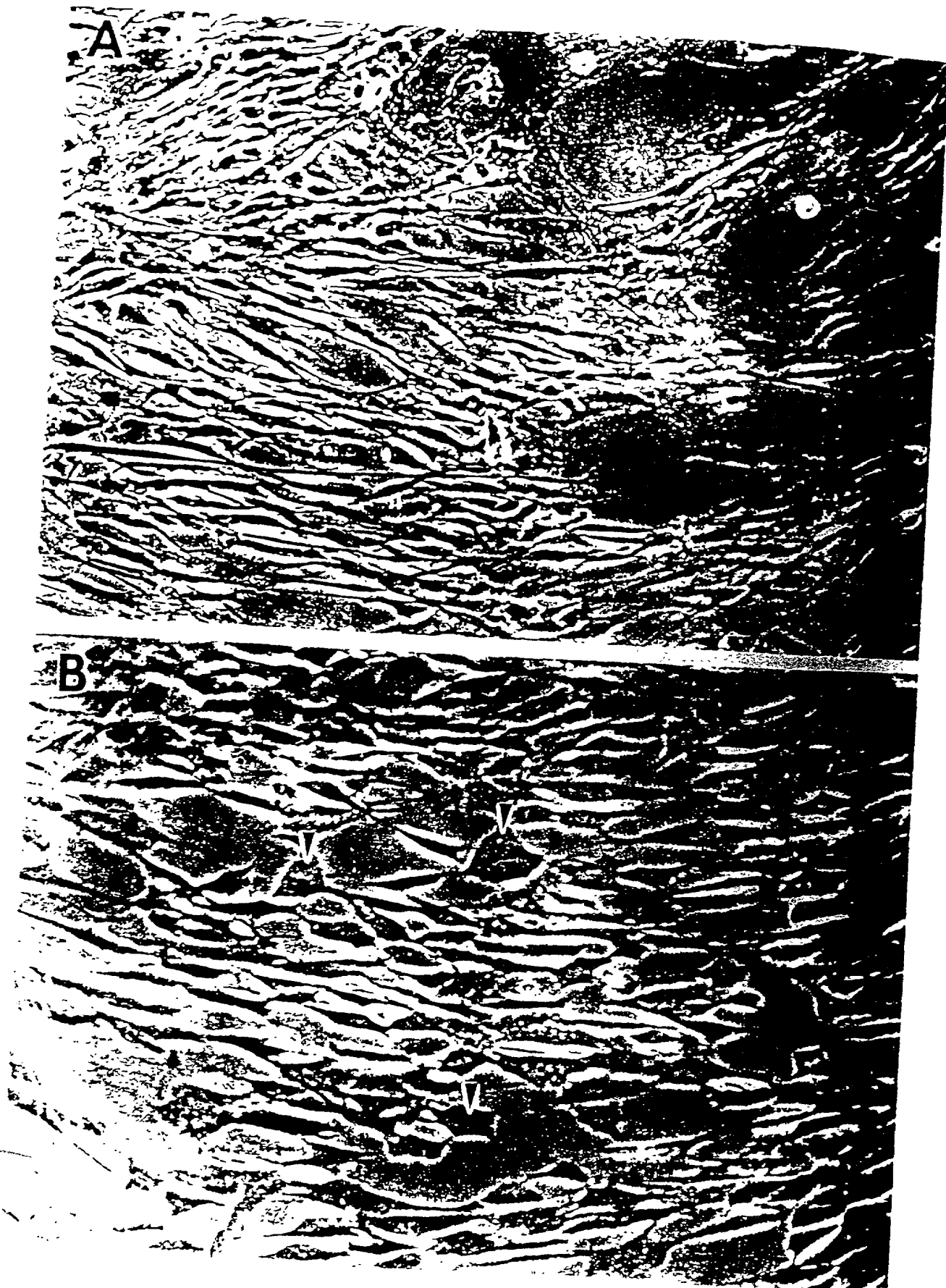


Figure 6

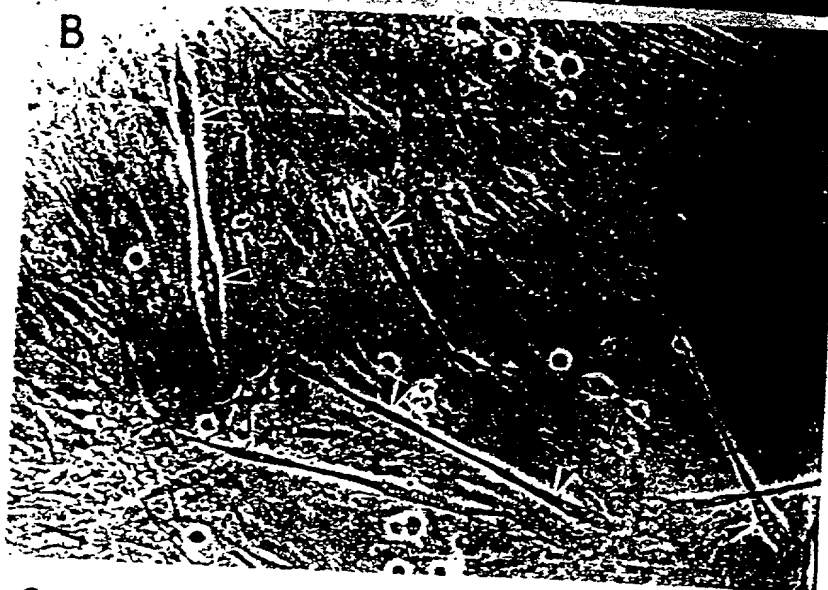


Figure 7



Figure 8

09820320-032801



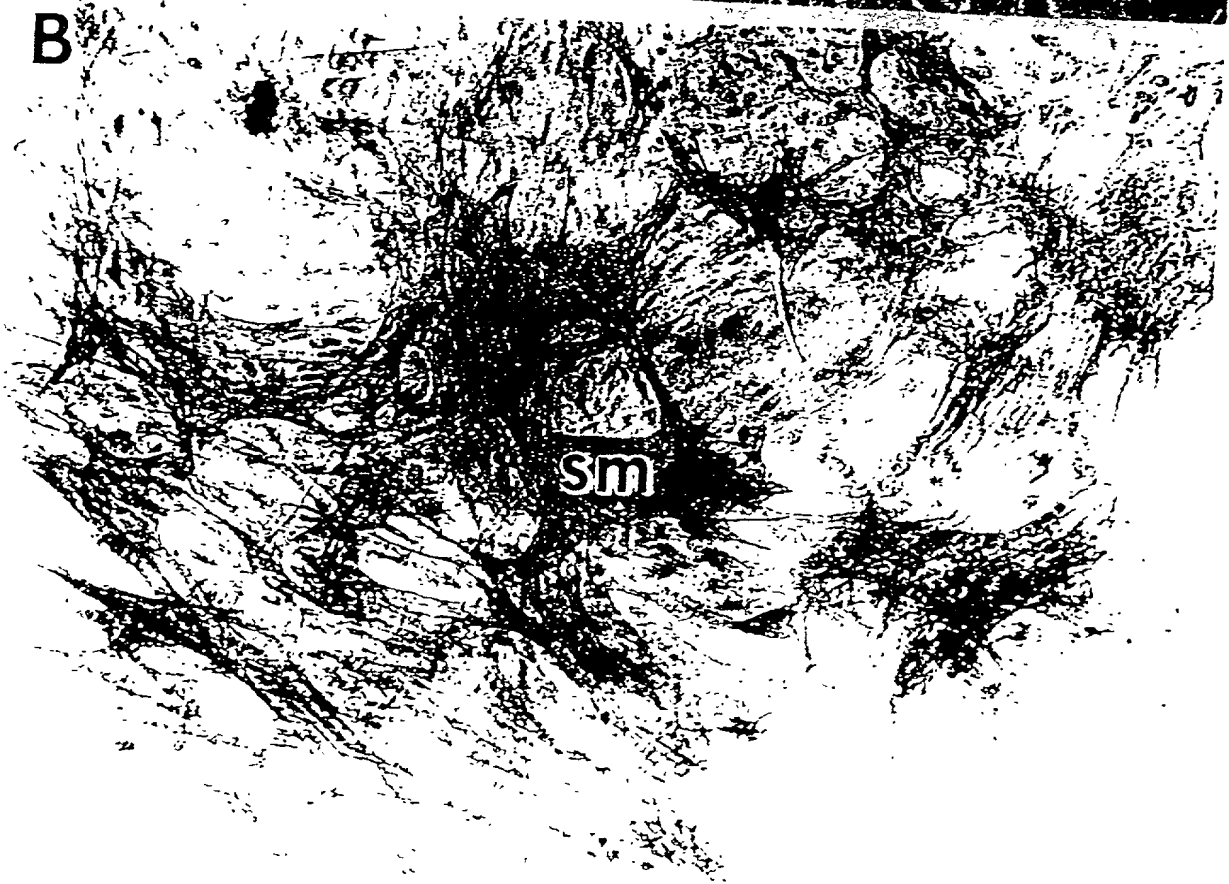
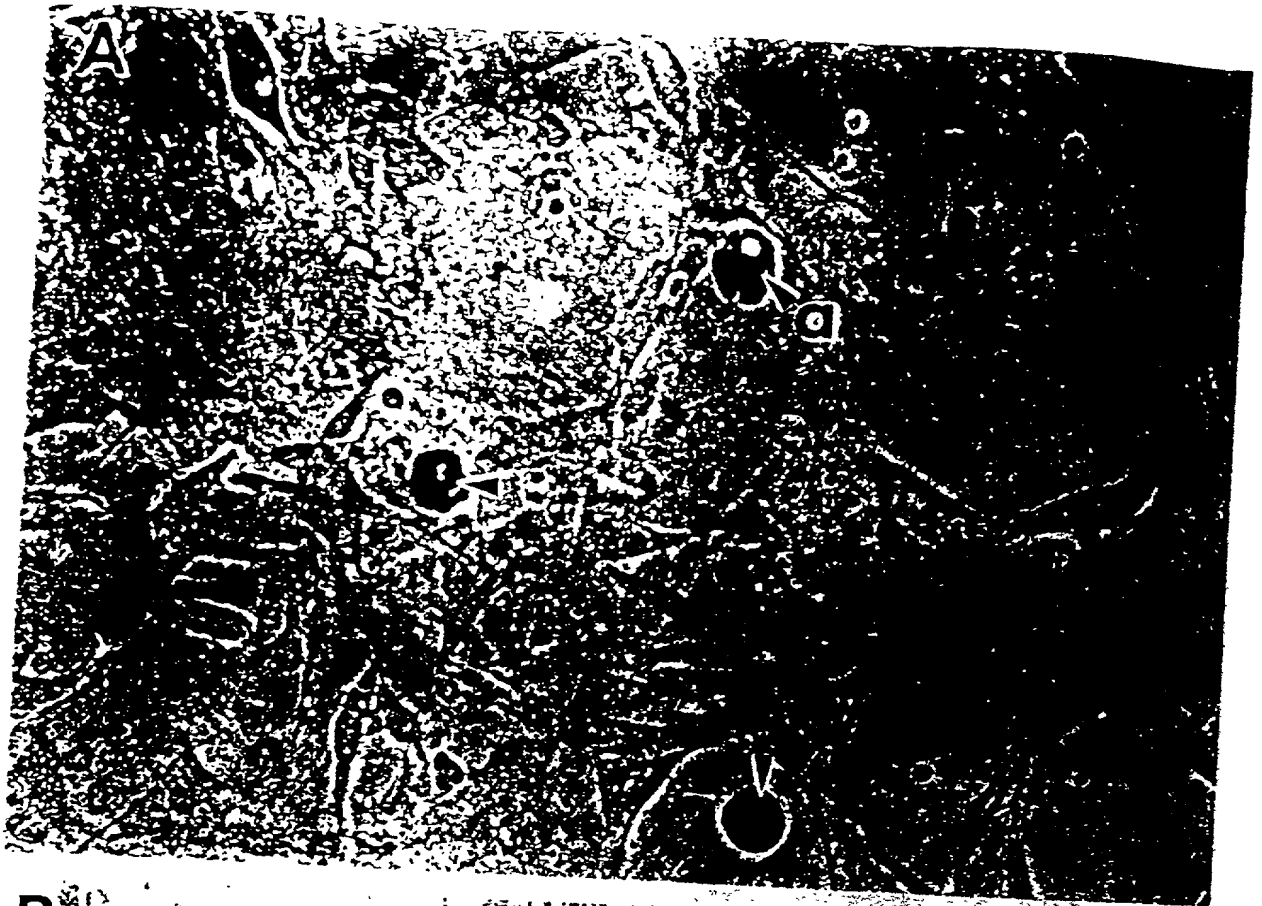


Figure 9

T082E0" 02E02850

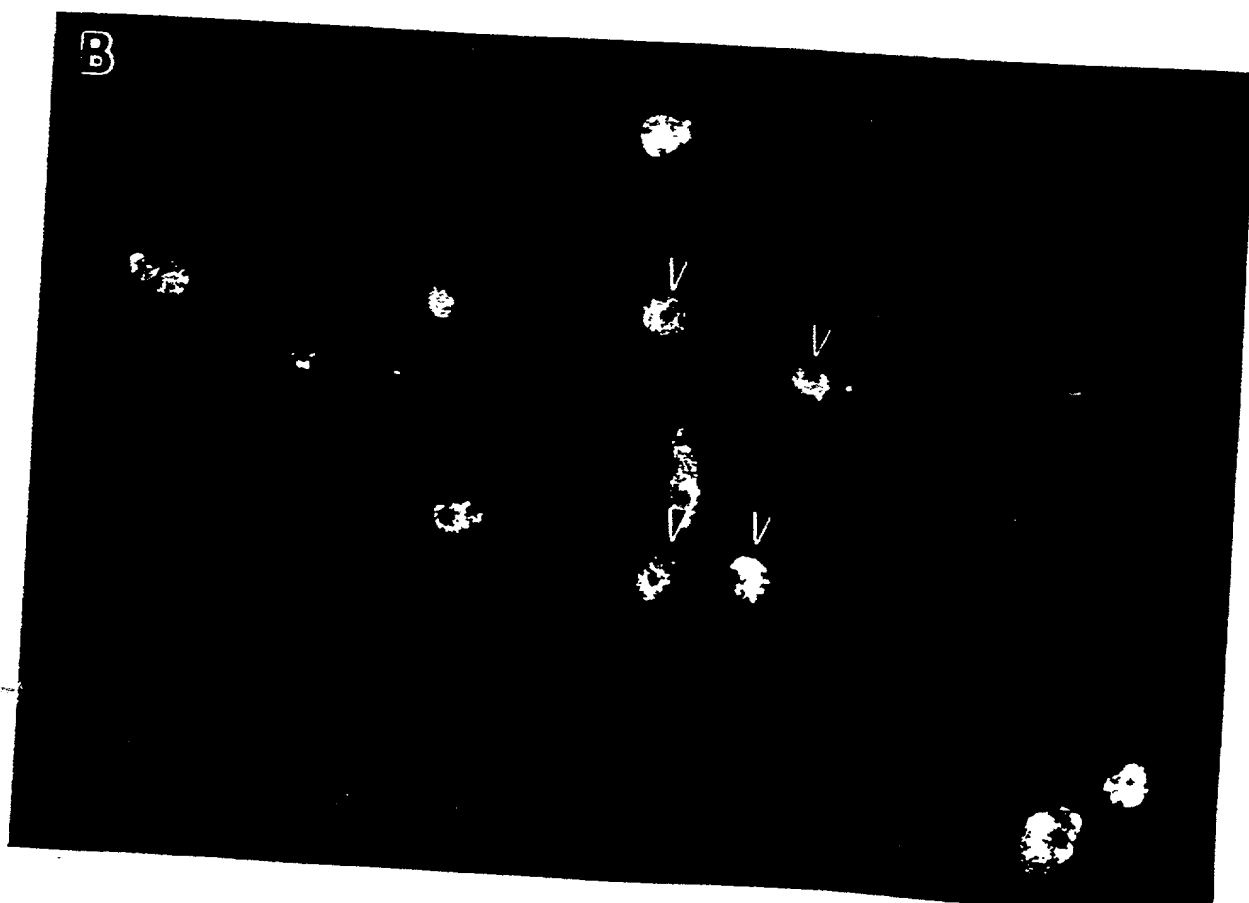
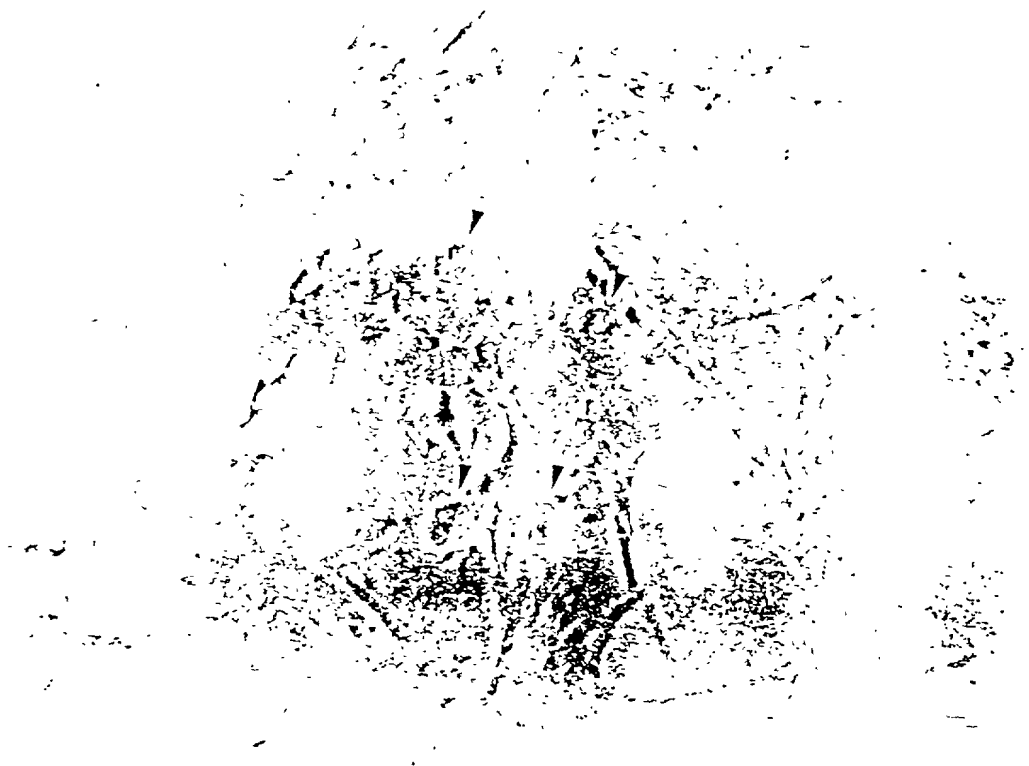


Figure 10

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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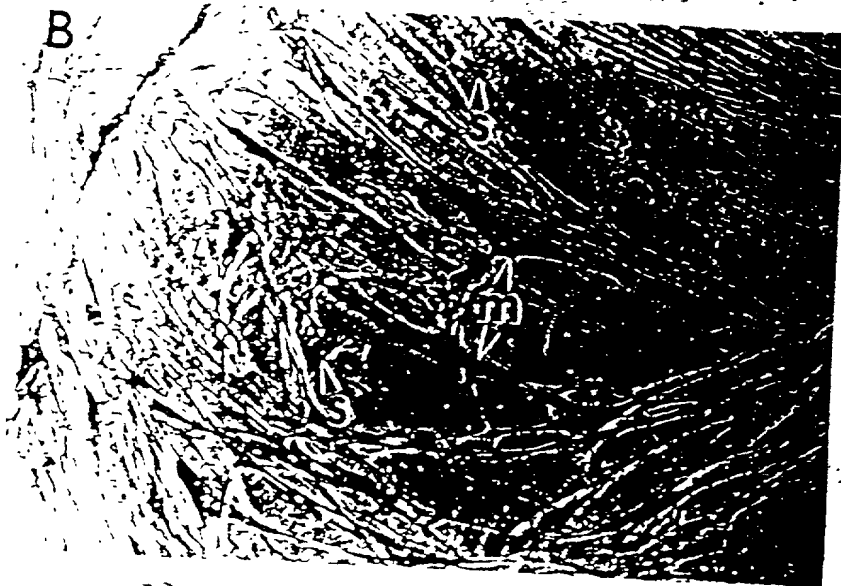


Figure 11



### Figure 12

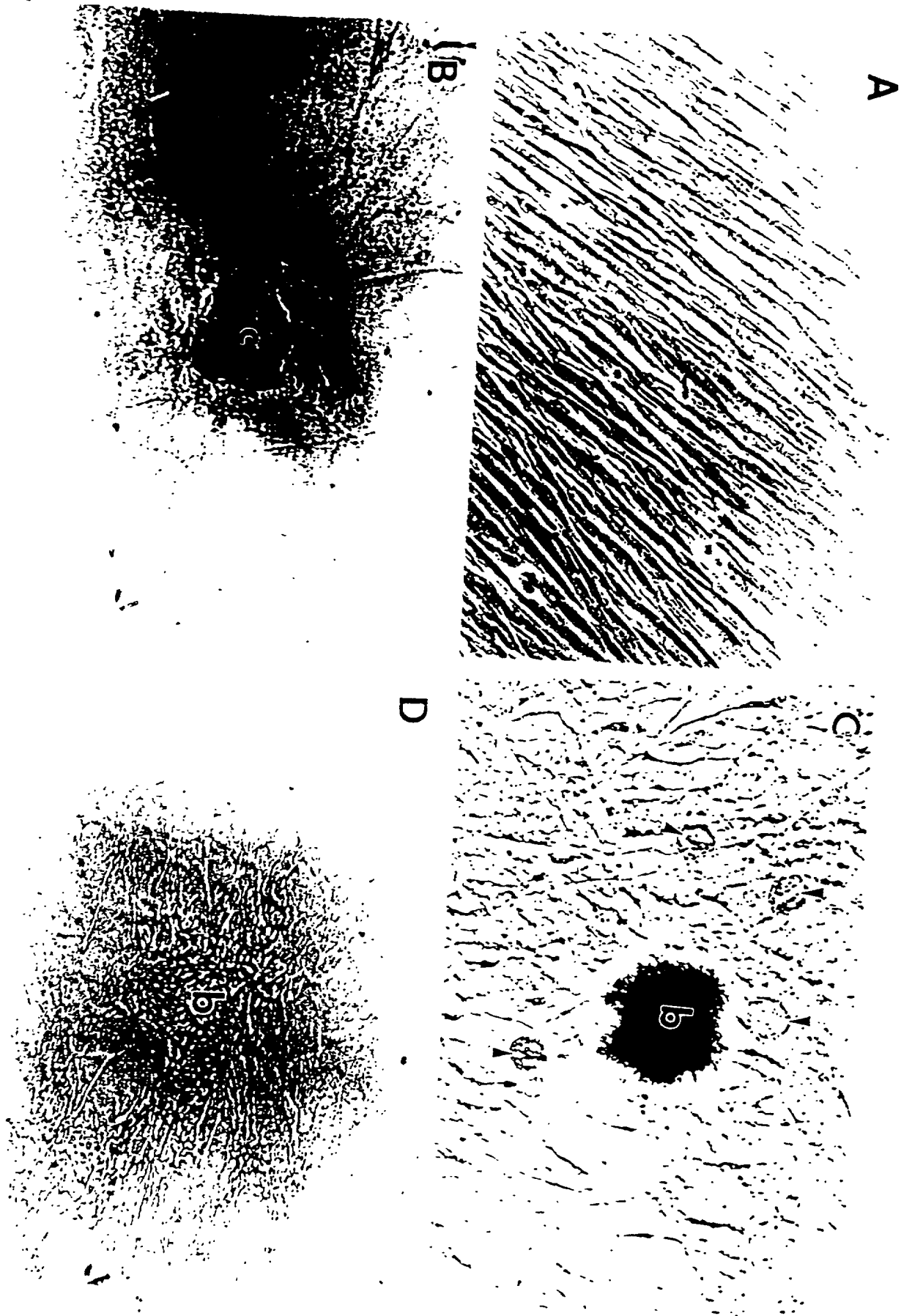


Figure 13

09820320.03201

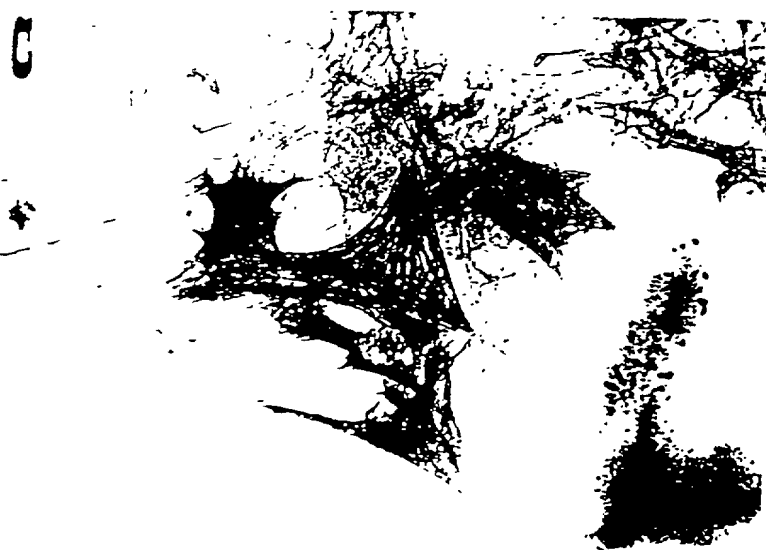
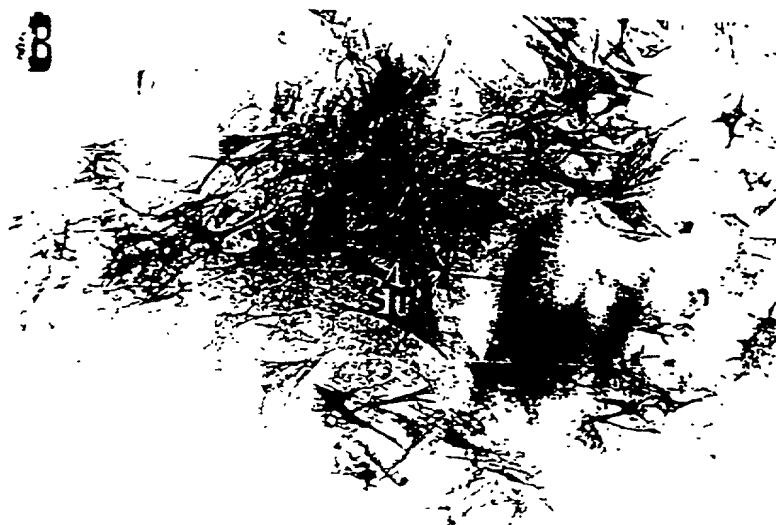


Figure 14

T032E0" 02E02B60

708260 02602350

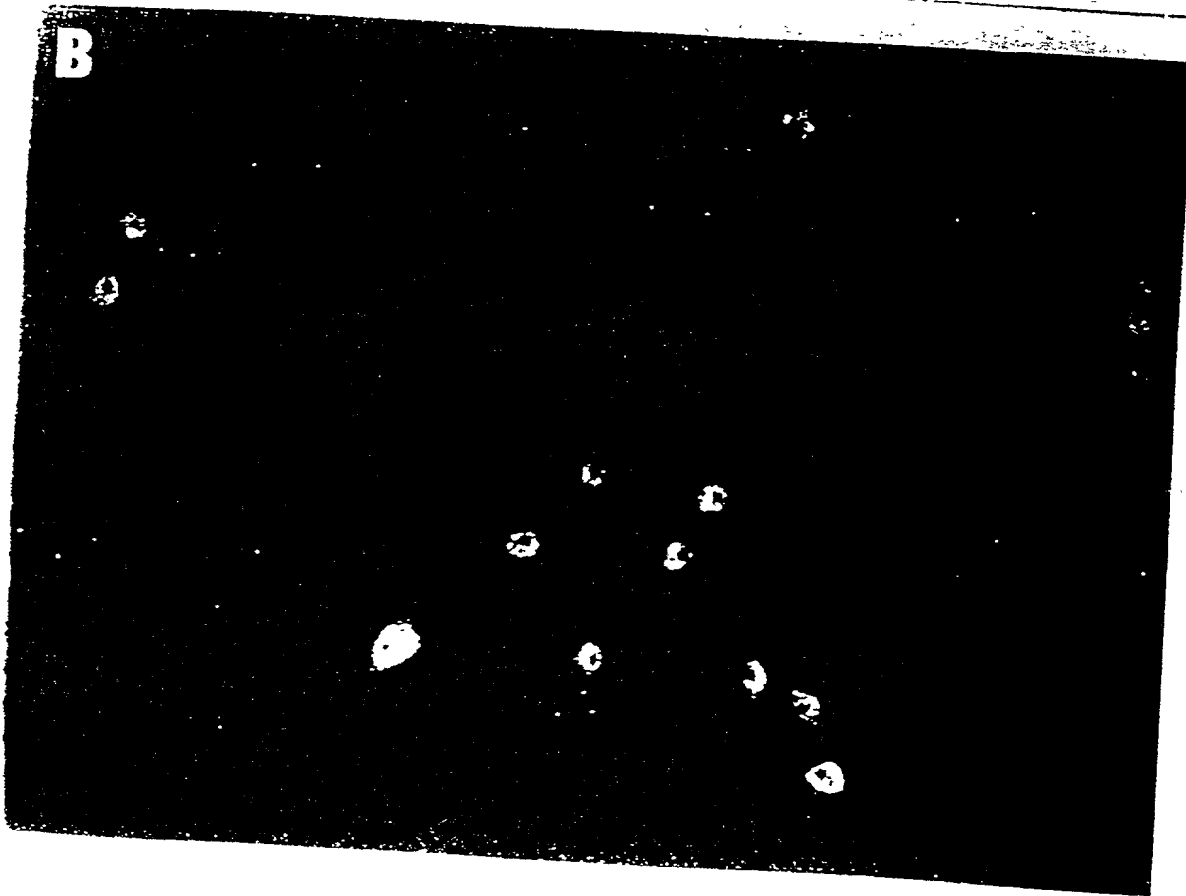
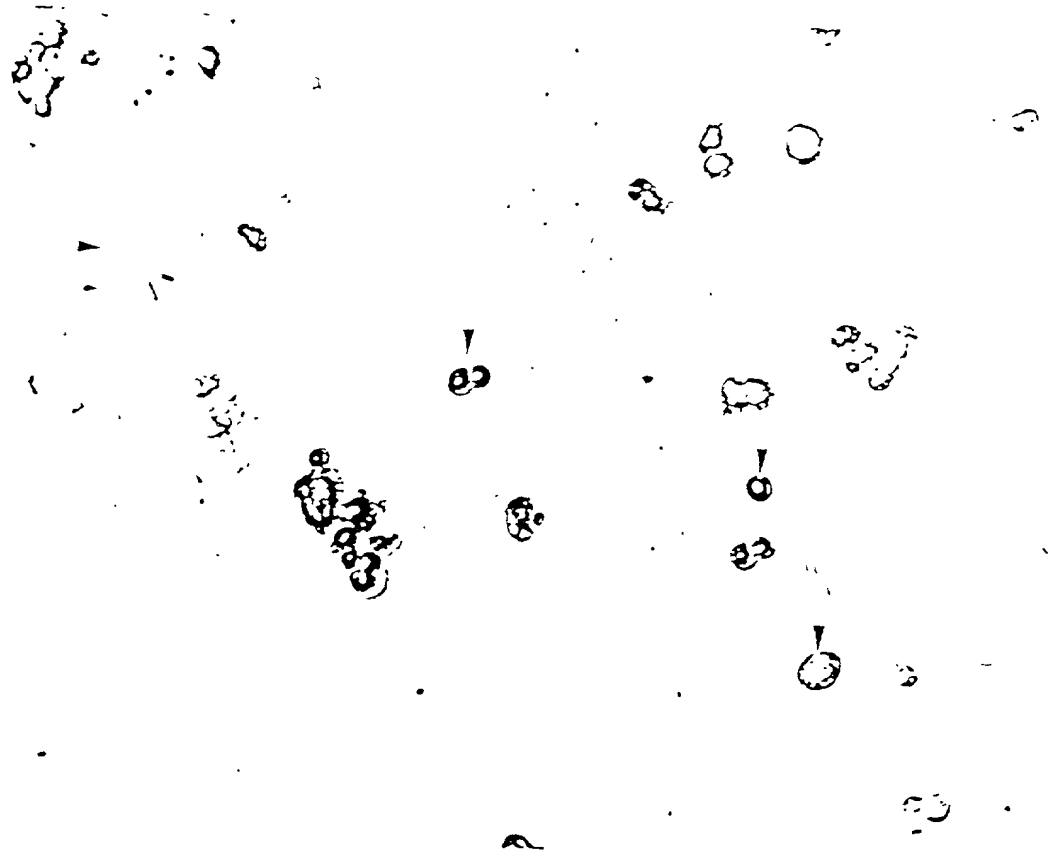


Figure 15

**A**



**B**

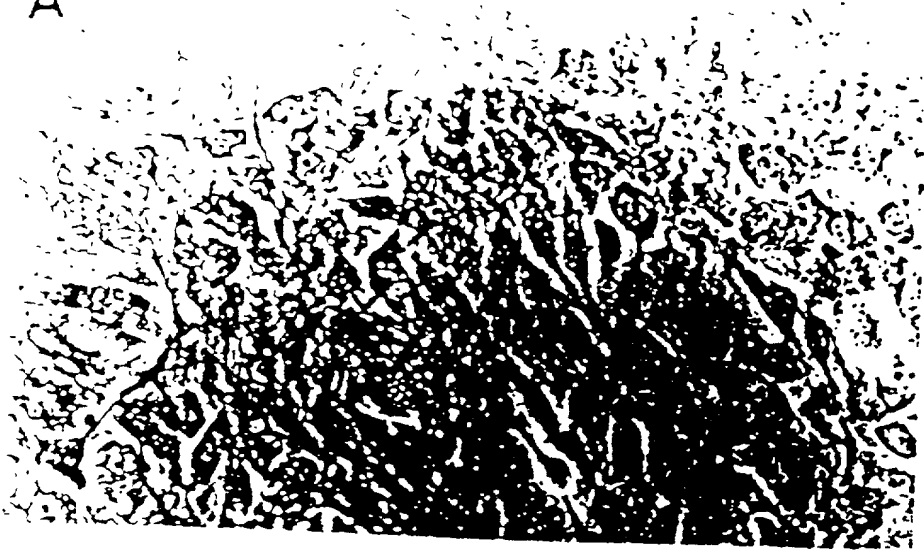


Figure 16

FOB220" 02E022260



A



B

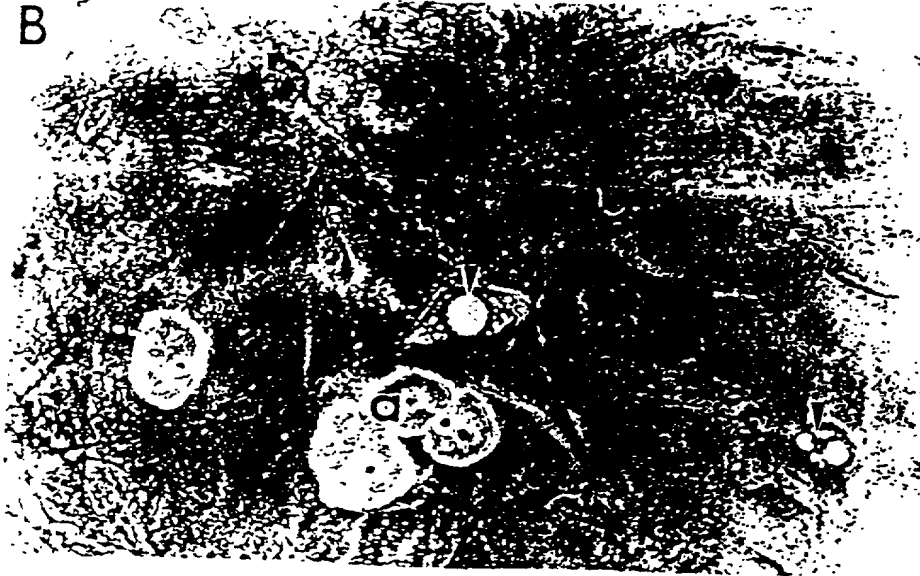


Figure 17

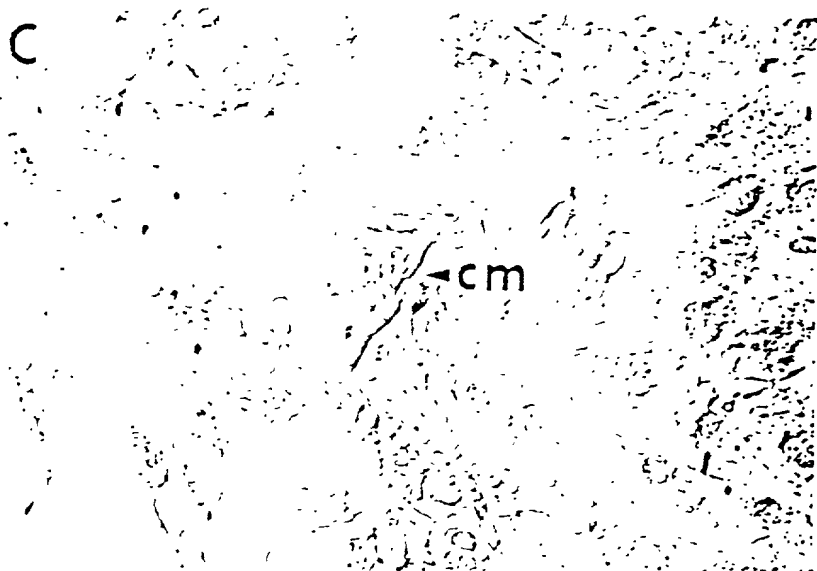


Figure 18

FOUO-02E02860

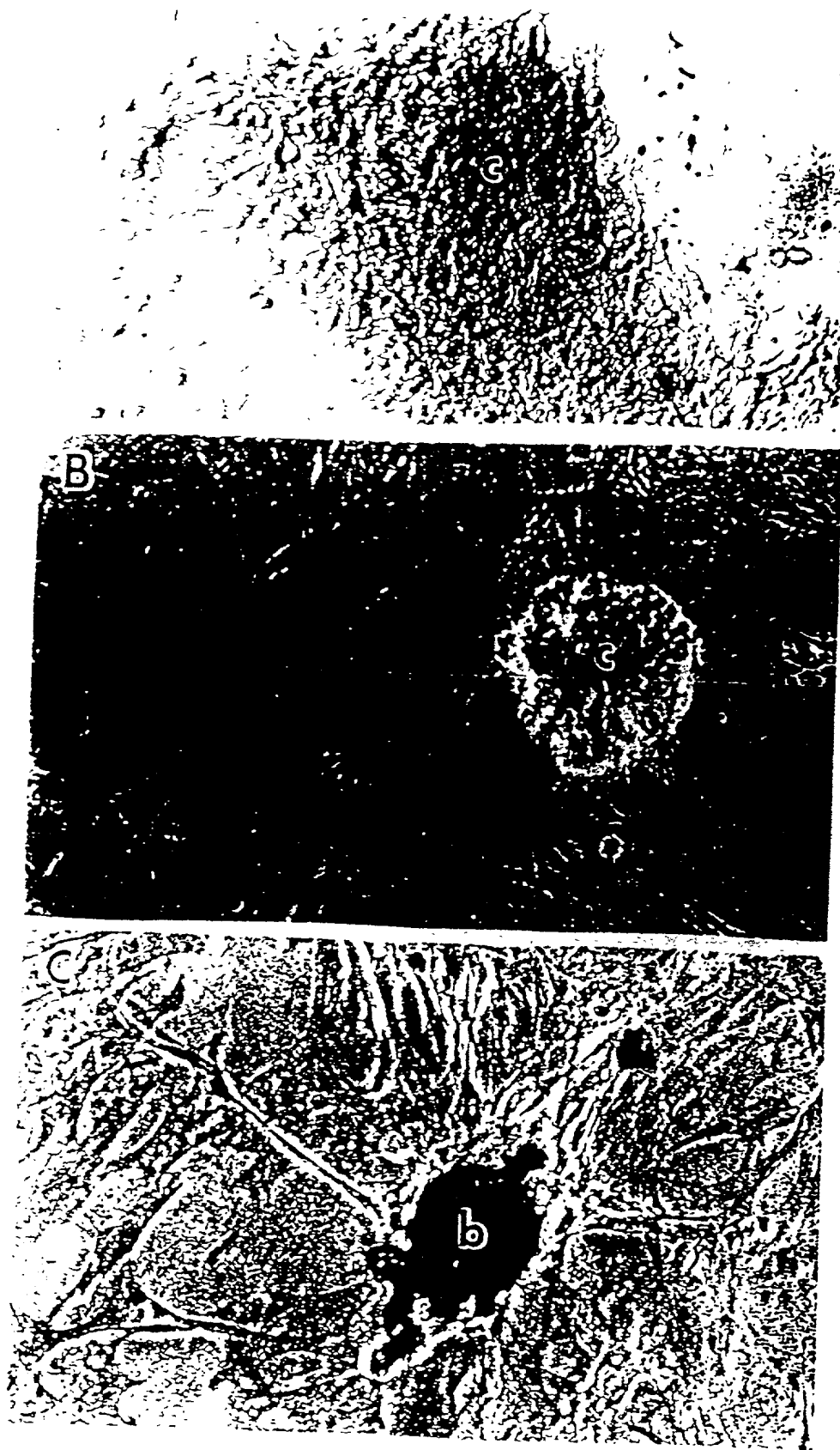


Figure 19

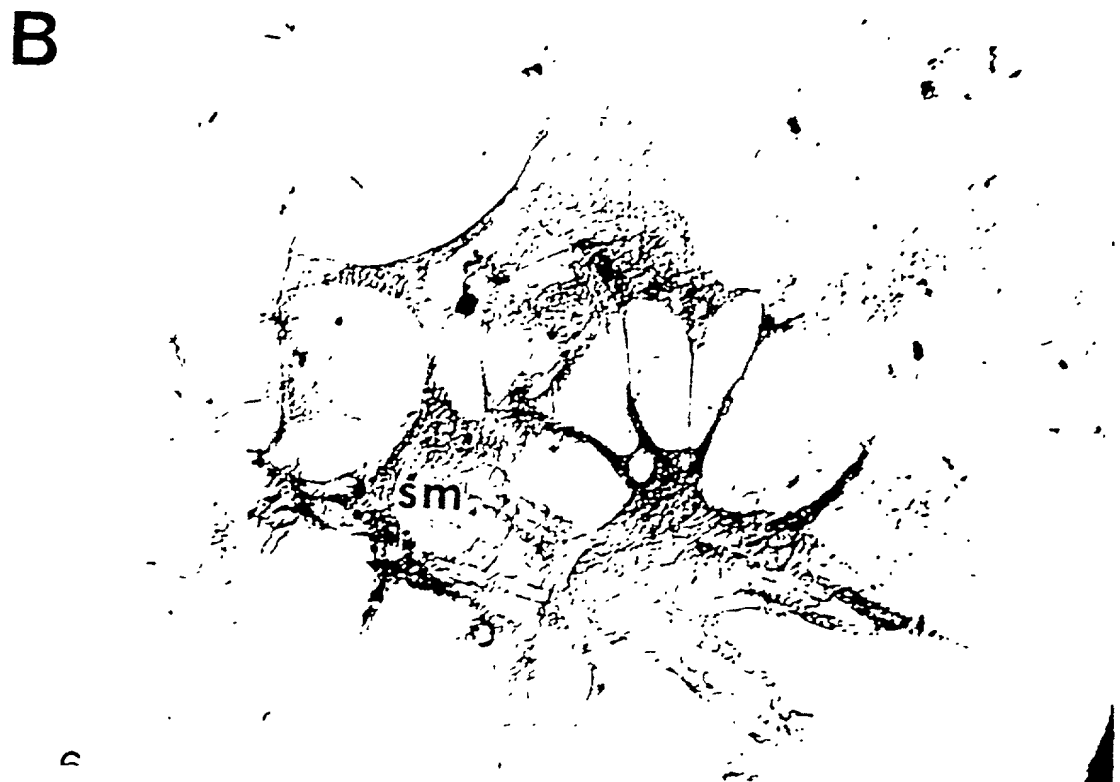
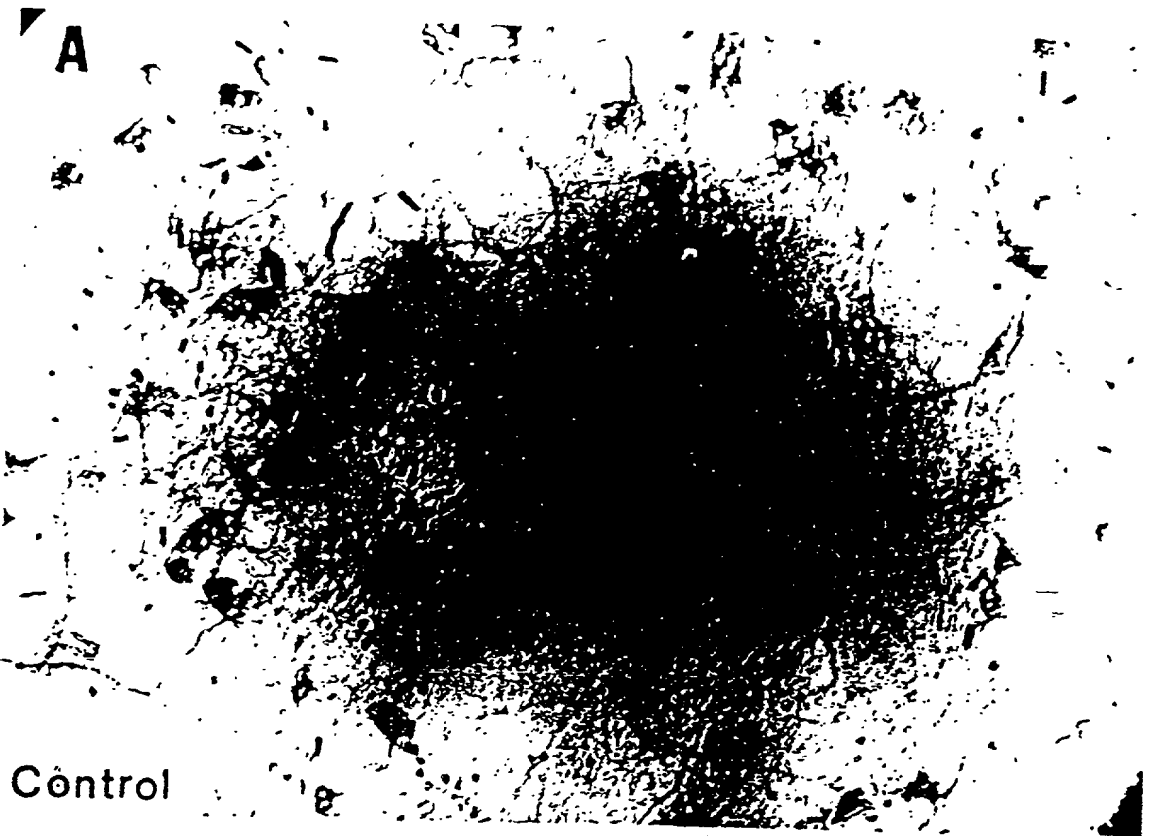


Figure 20

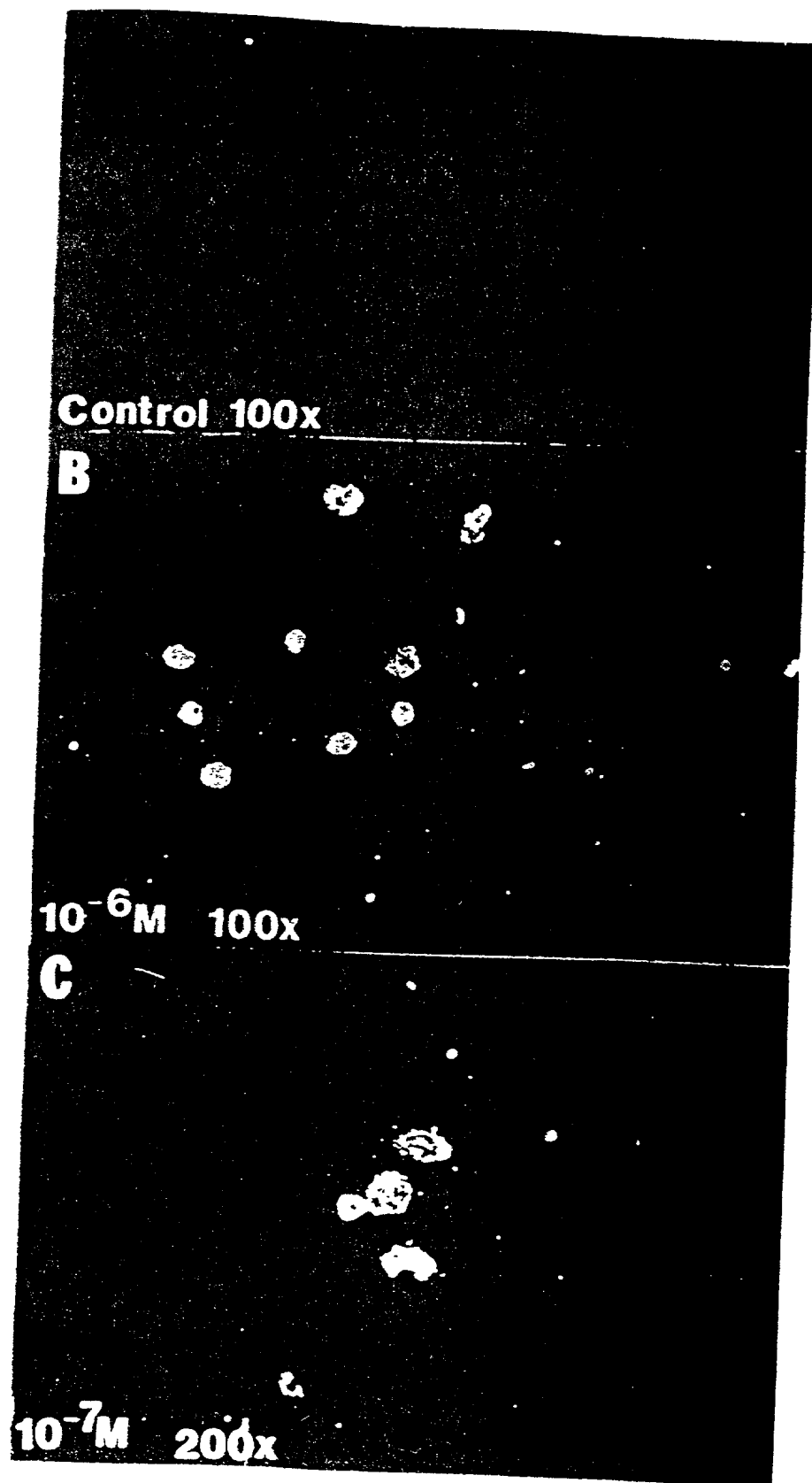


Figure 21

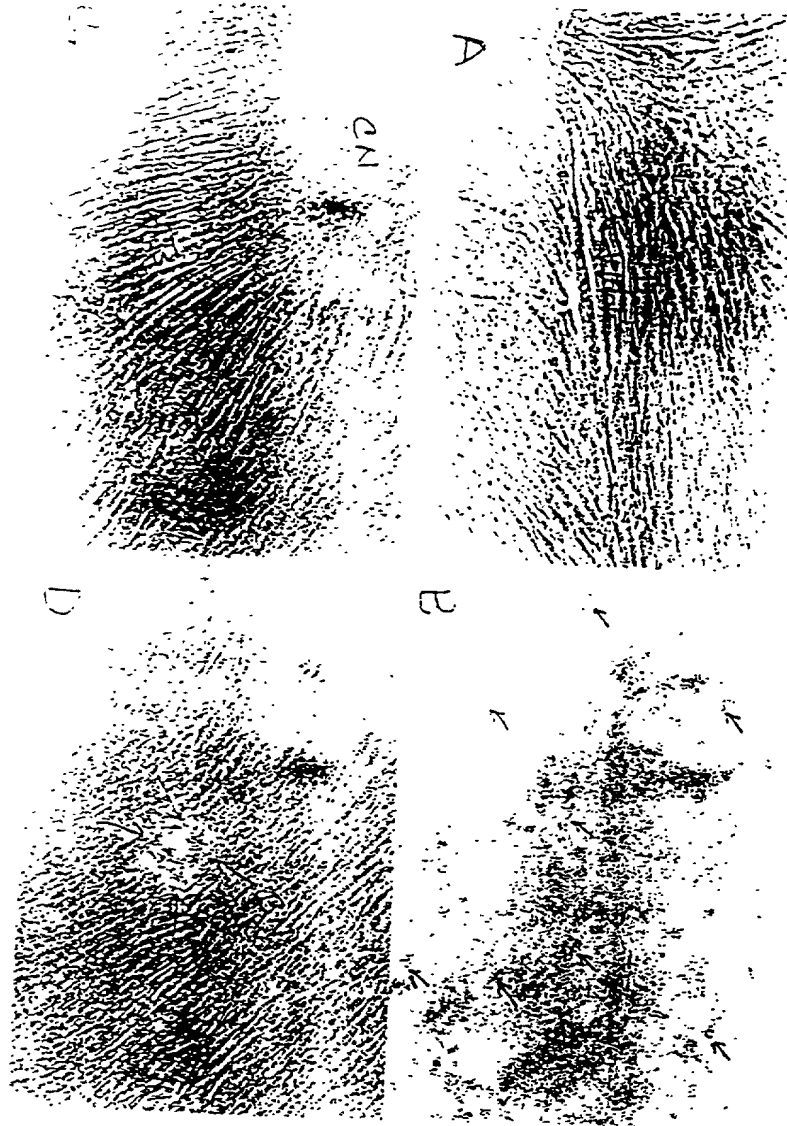


Figure 22

09820220.032801

FOIA b 7 - D, b 7 - C, b 7 - E

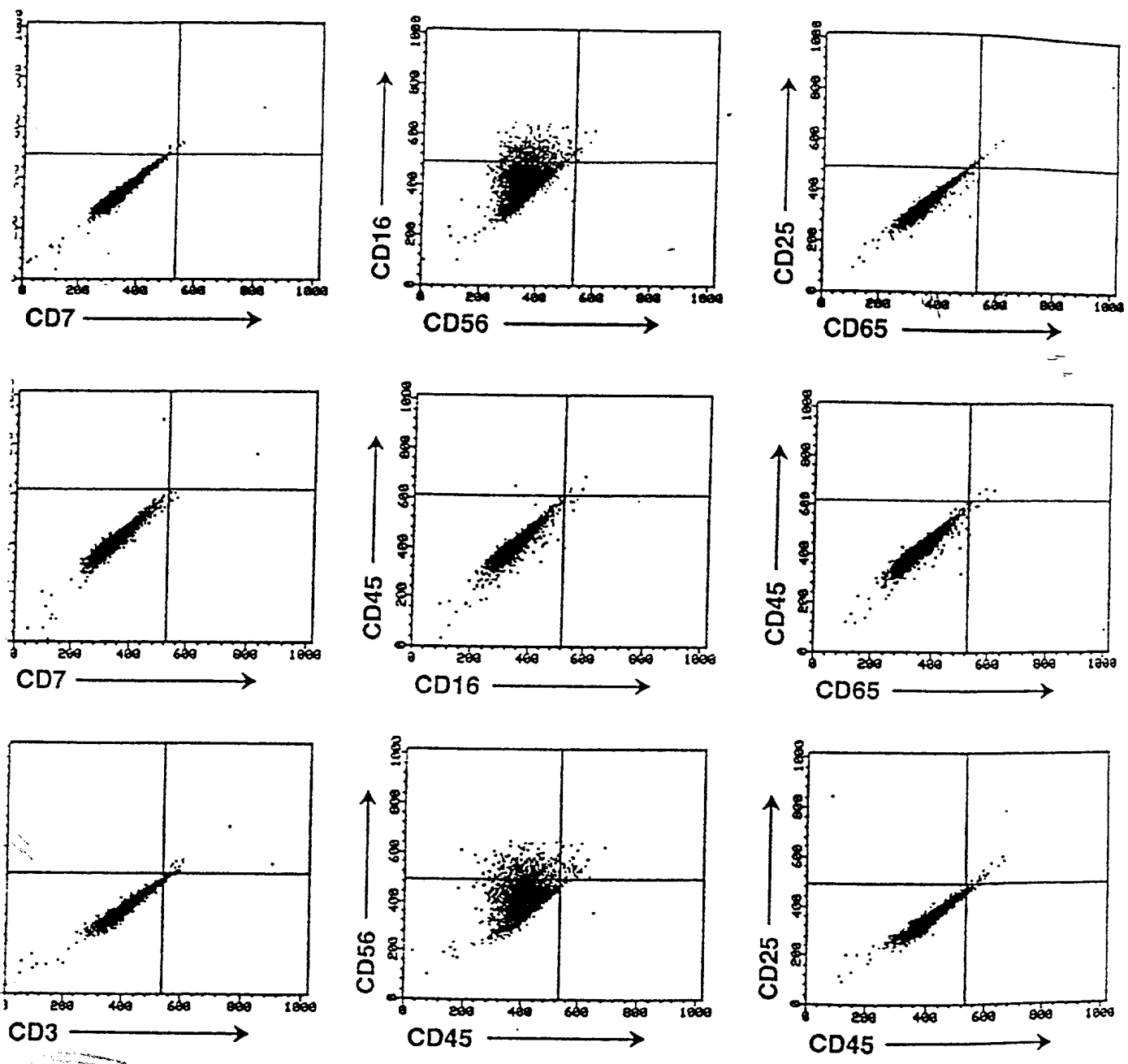


Figure 23

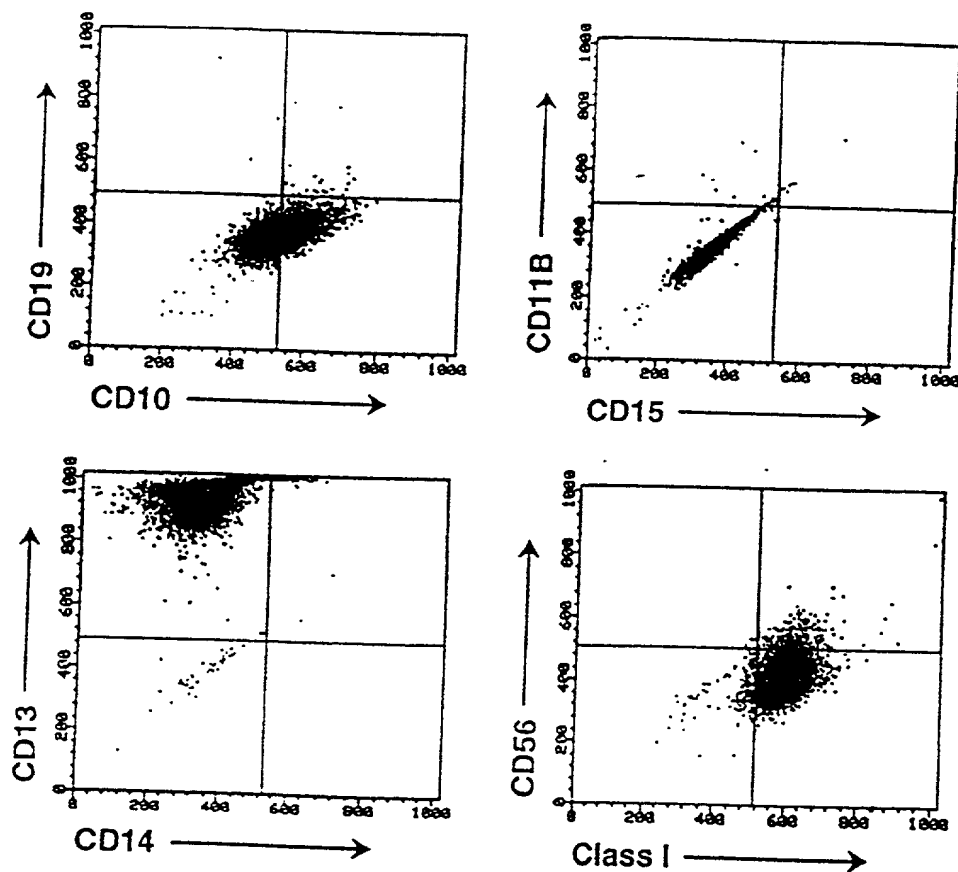


Figure 24



CD - Markers

$\beta$  - Actin

CD 10



CD 13



CD 56



CF - SkM

NHDF

PAL #3

CF - SkM

NHDF

PAL #3

Figure 25

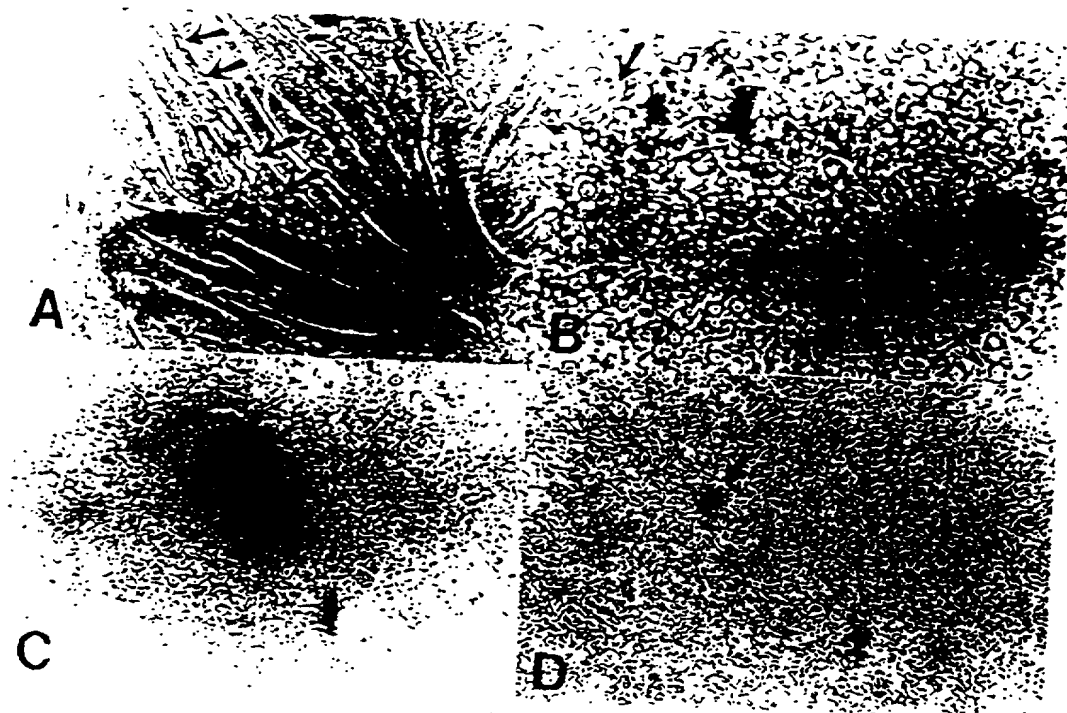


Figure 26

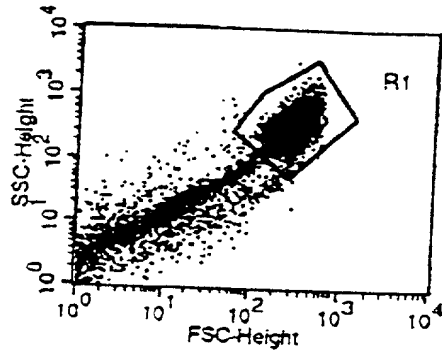


Figure 27

0920220.00001

Figure 28

TOP SECRET 0302860

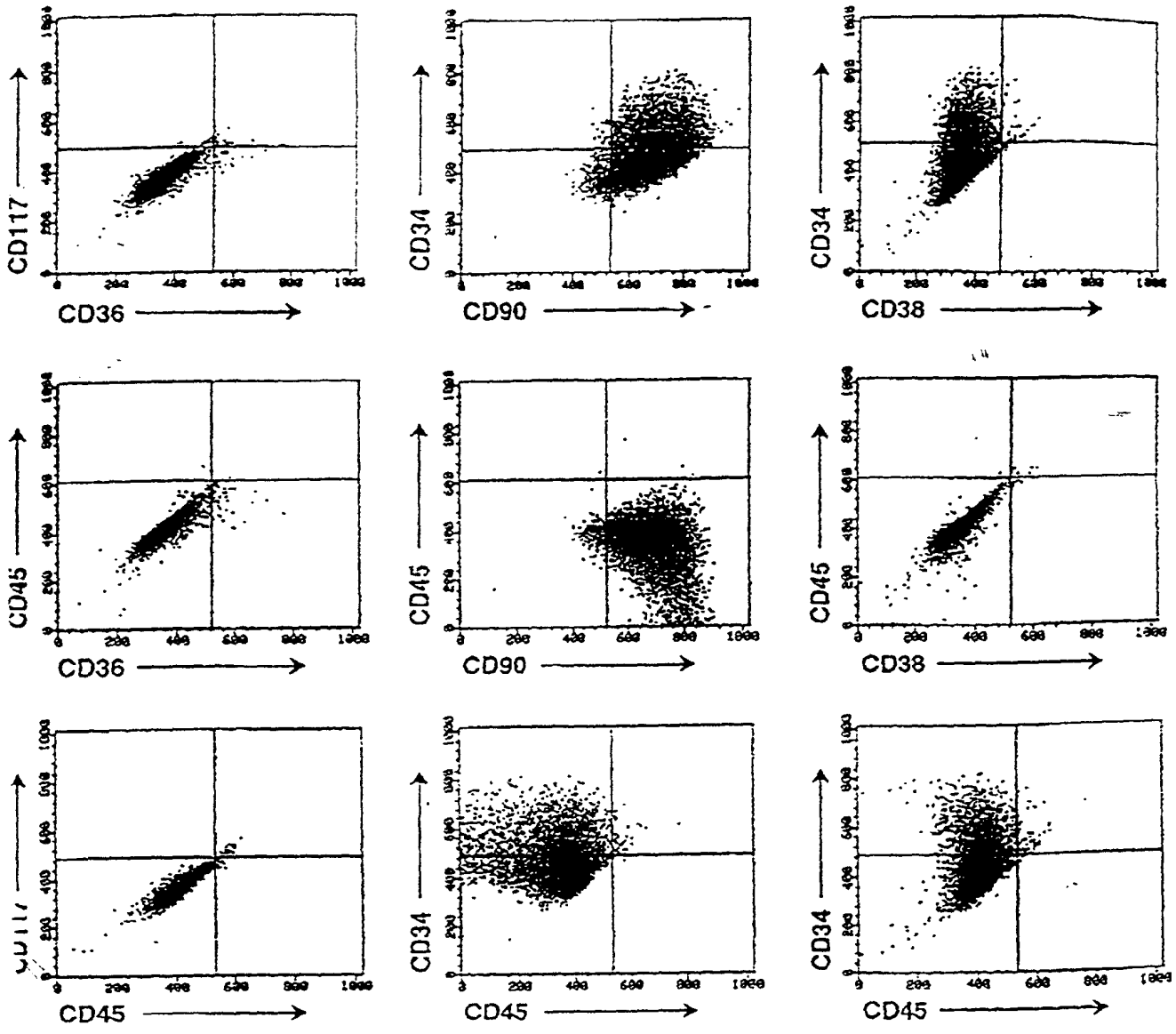


Figure 29

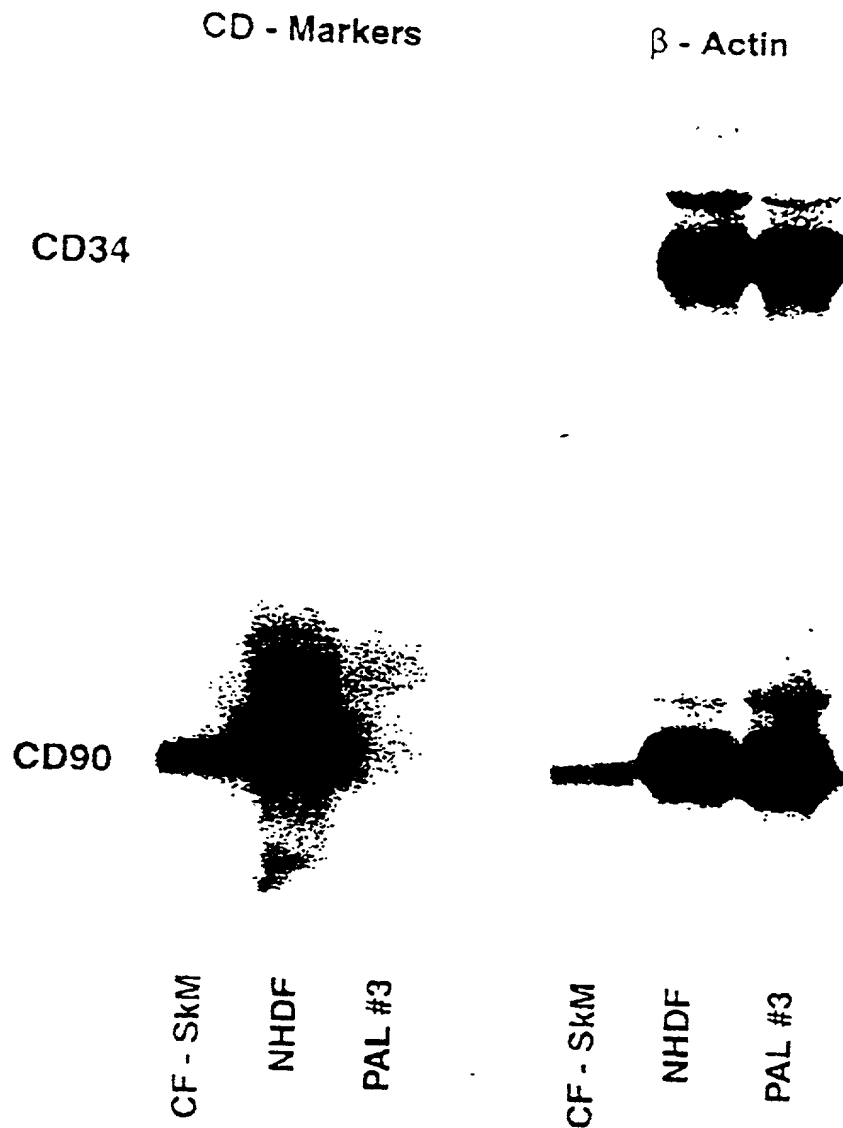


Figure 30

09220320.032801

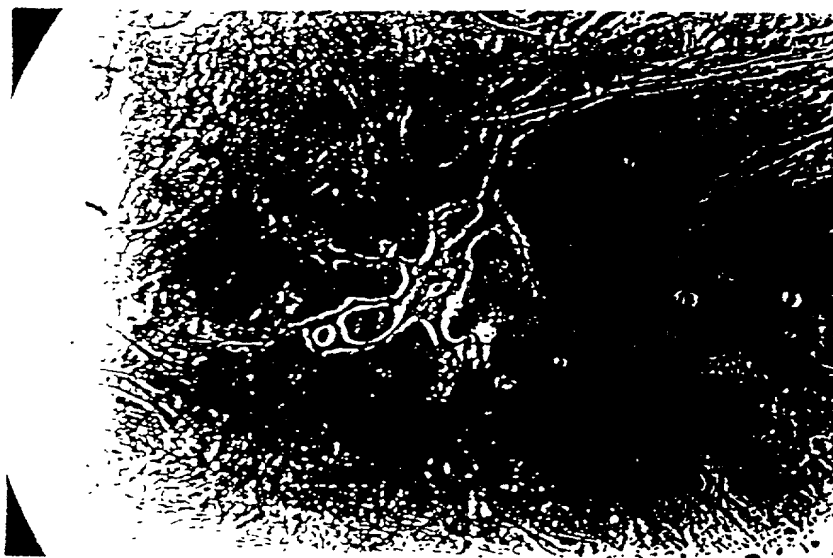
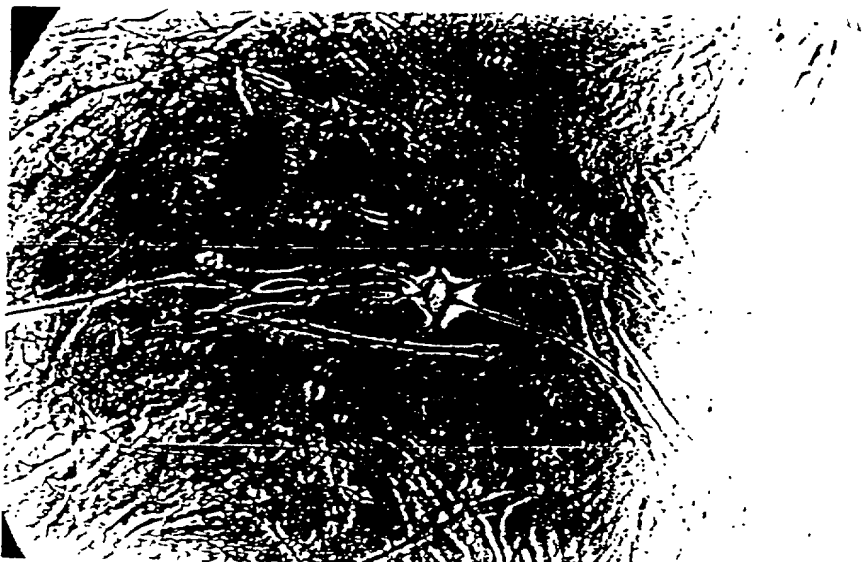
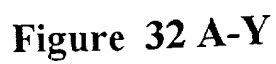


Figure 31 A-C







**A**



B



C



D



E



F



G



H



**1**



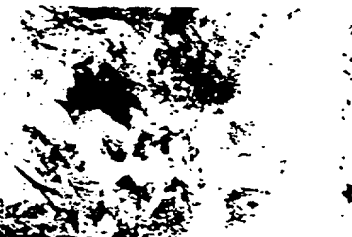
**J**



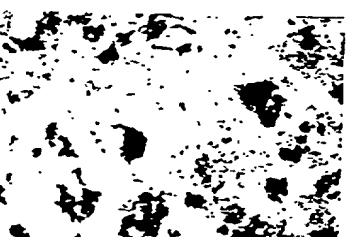
K



L



M



**N**



0



P



Q



B

**Figure 33 A-R**

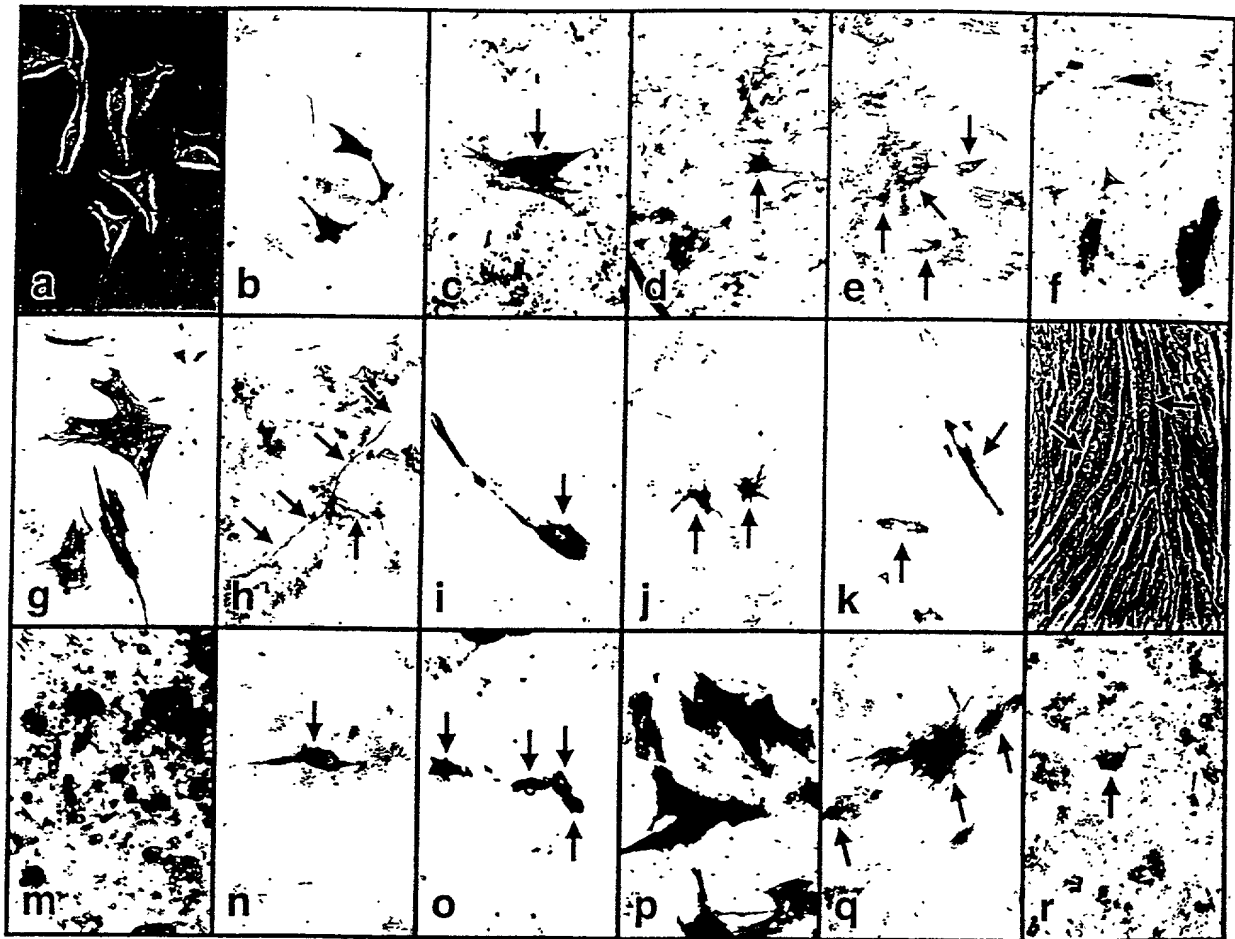


Figure 34

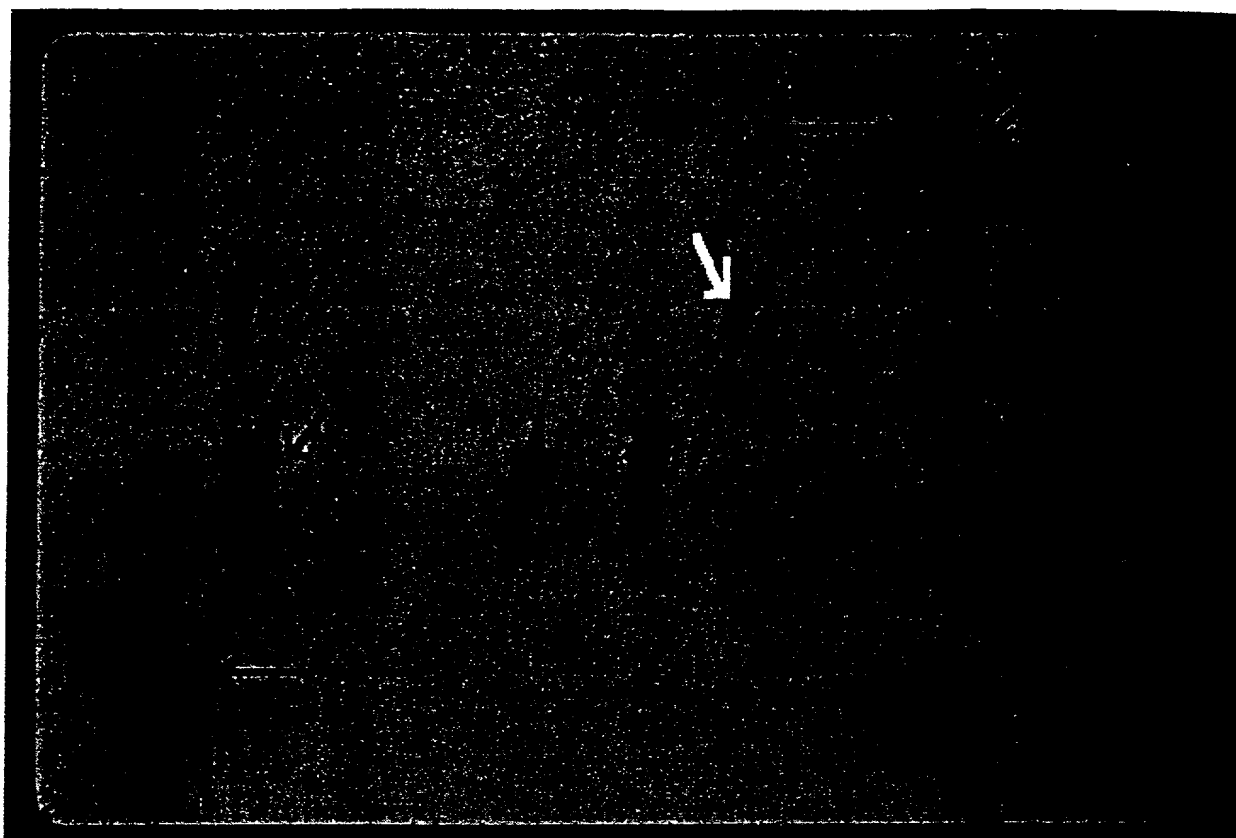


Figure 35

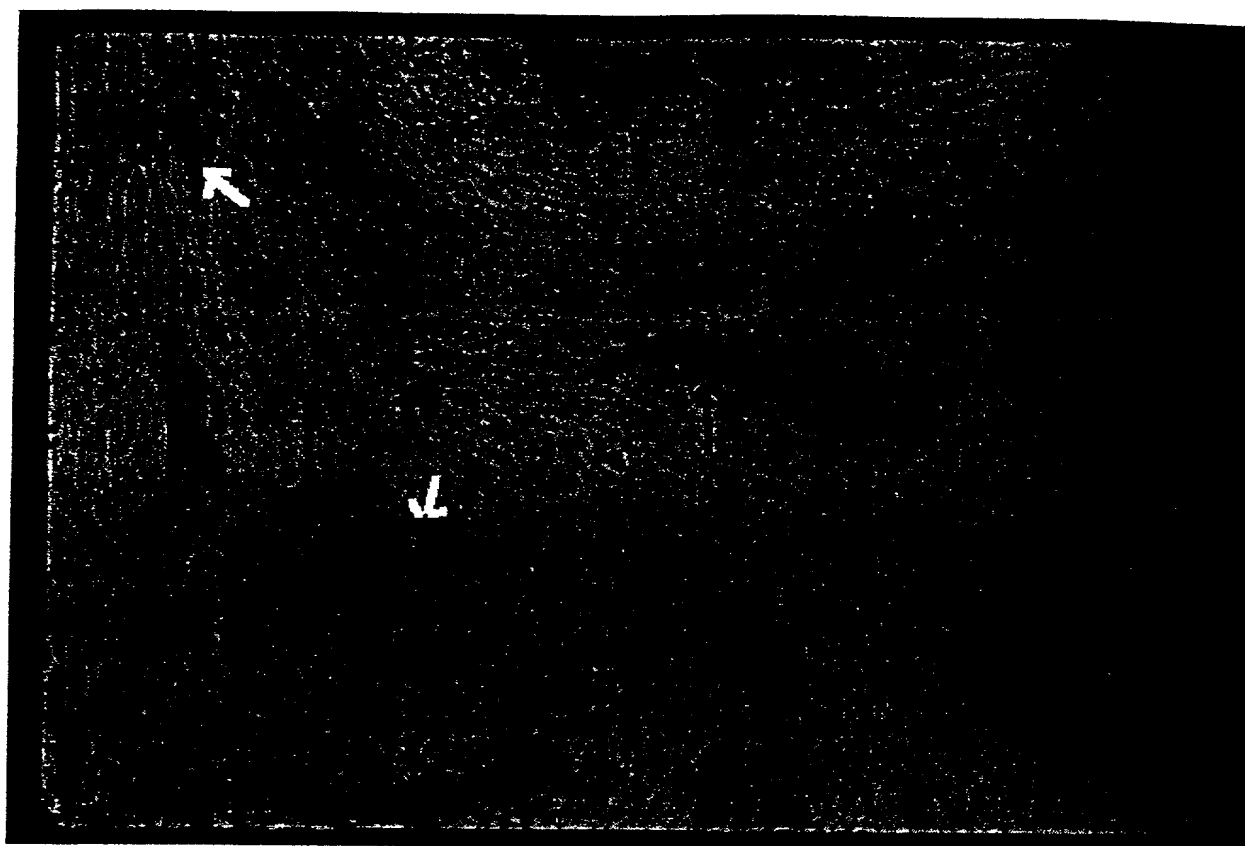


Figure 36

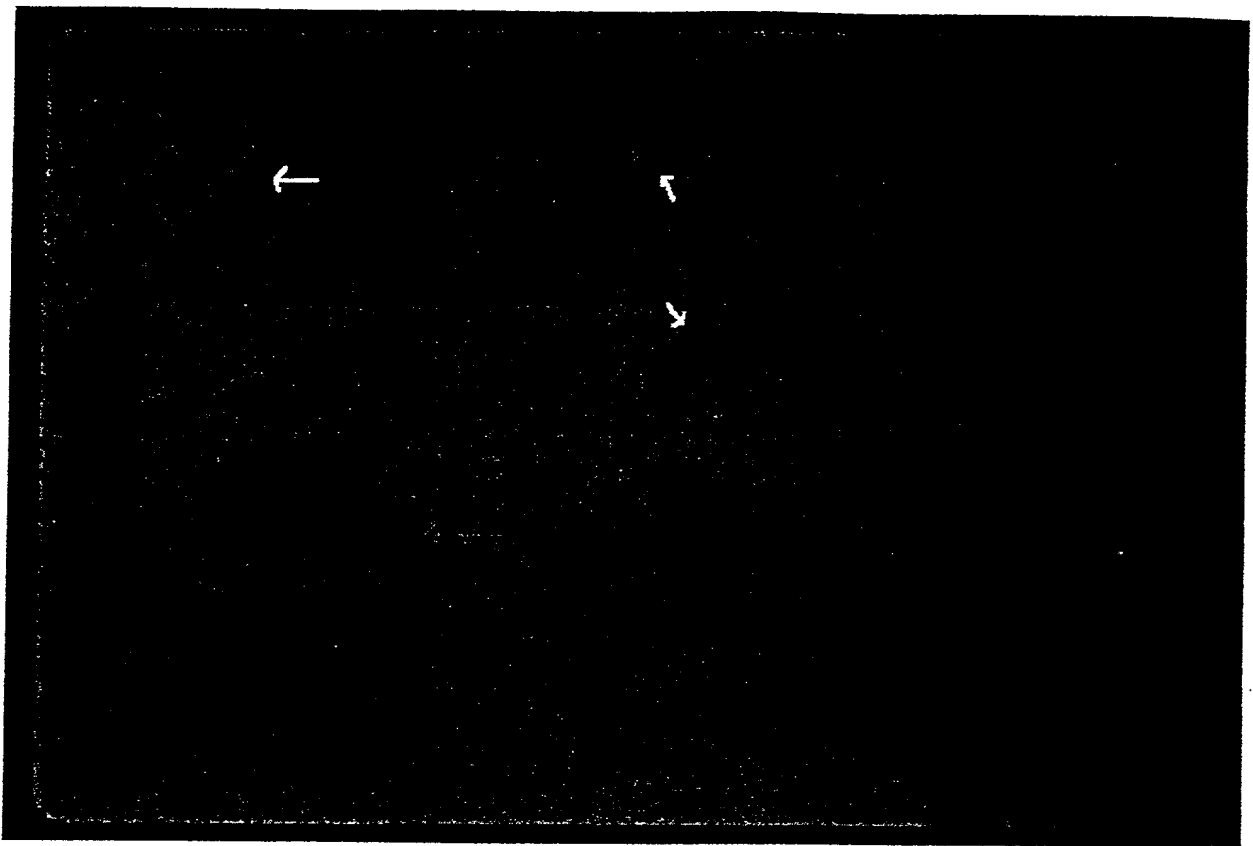


Figure 37

FORERO 0202260

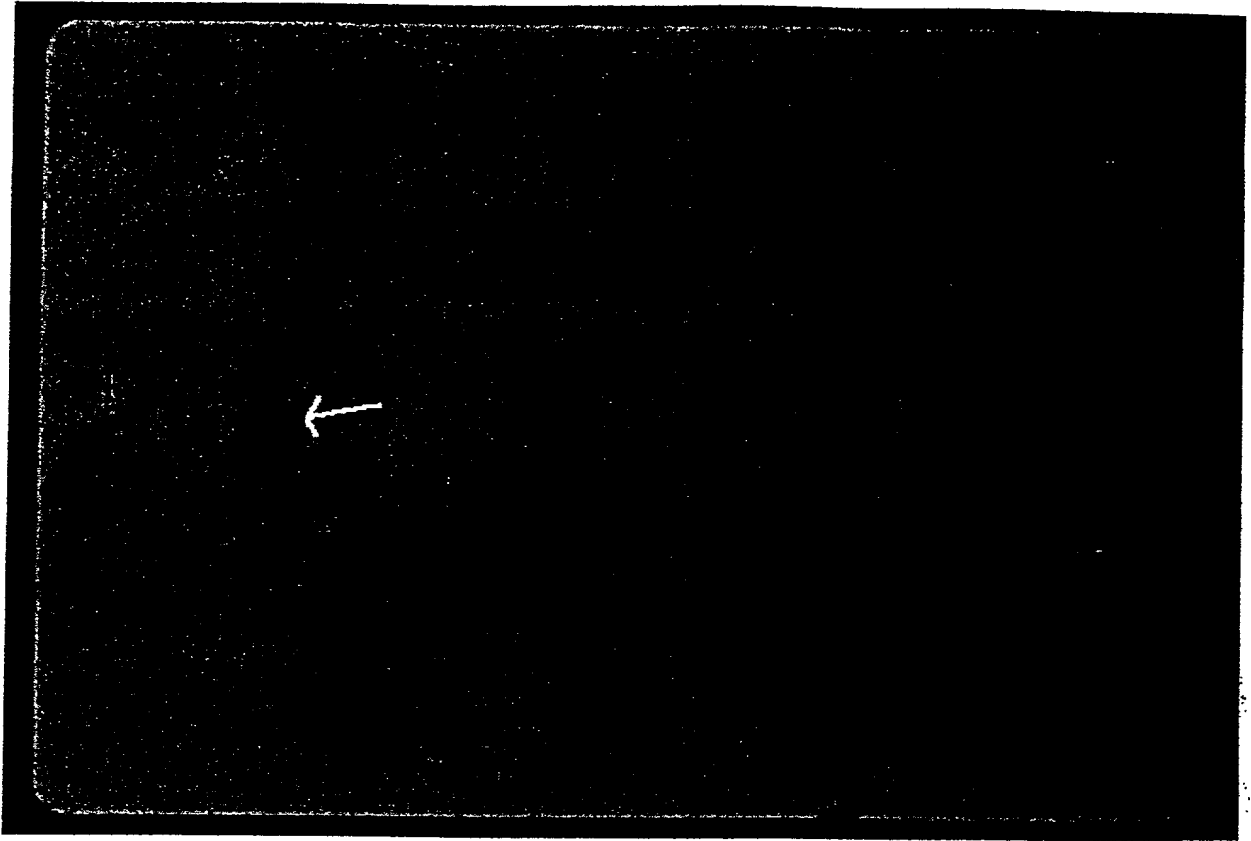
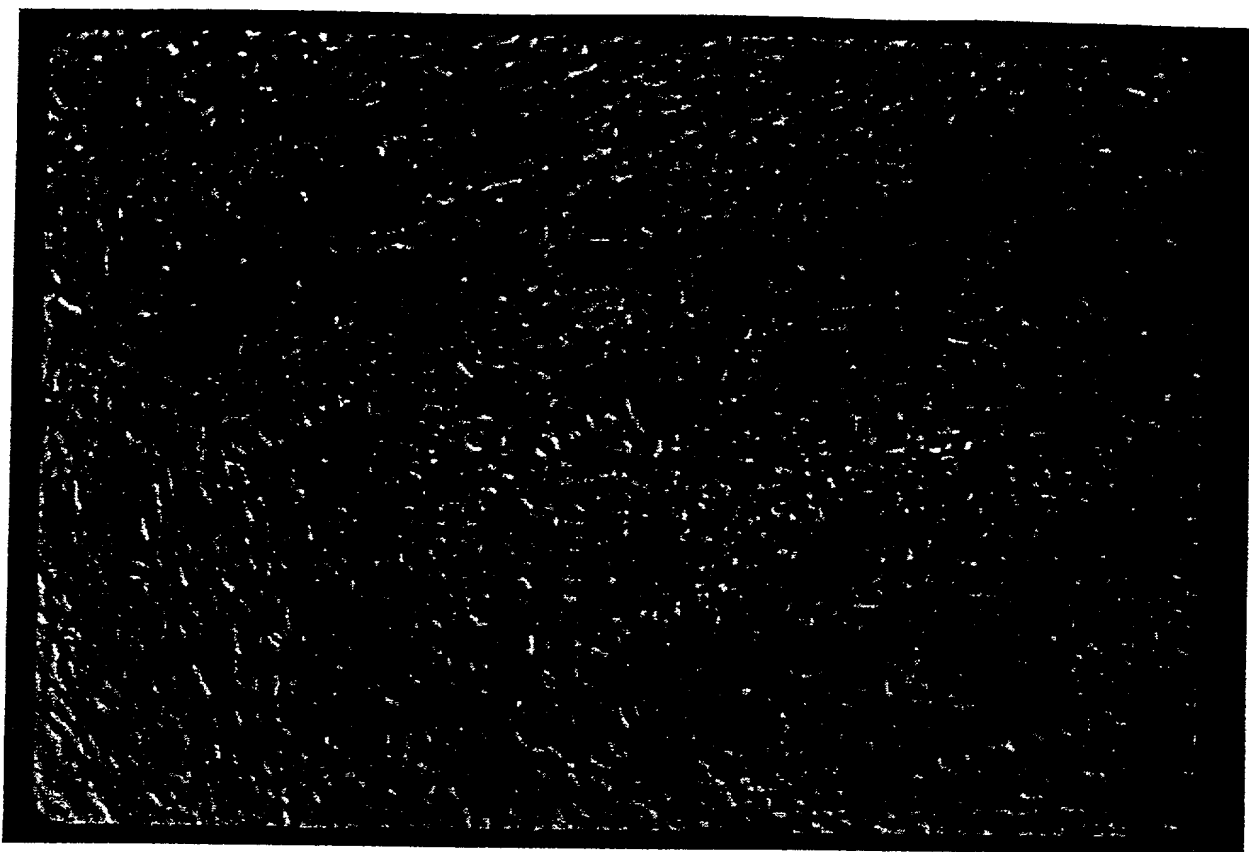
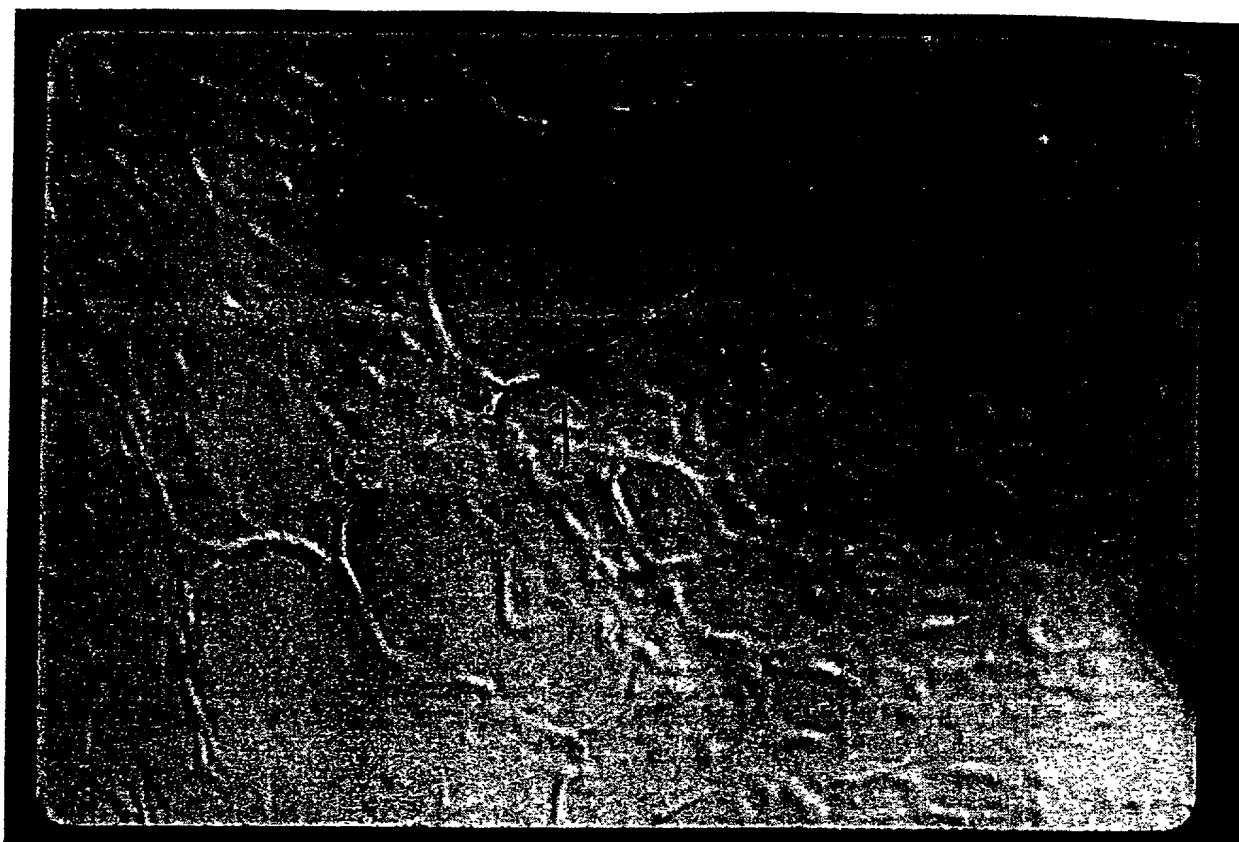


Figure 38

TOP SECRET



**Figure 39**





**CT3F 46, XX**  
(17 year-old female dermal biopsy specimen)



Figure 41

*in vitro* aPPSC Differentiation on Matrigel

HS10-1%

*Tube format*

2 days conditioned

12 hours

24 hours

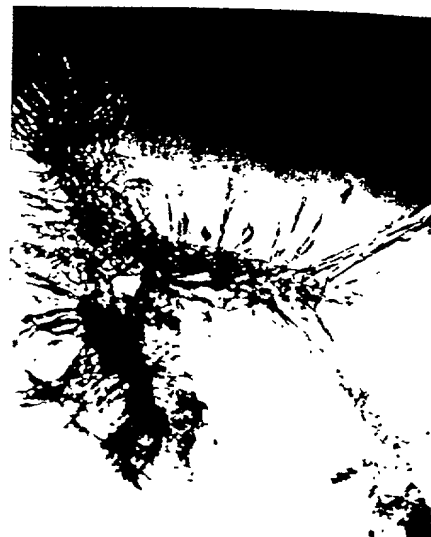
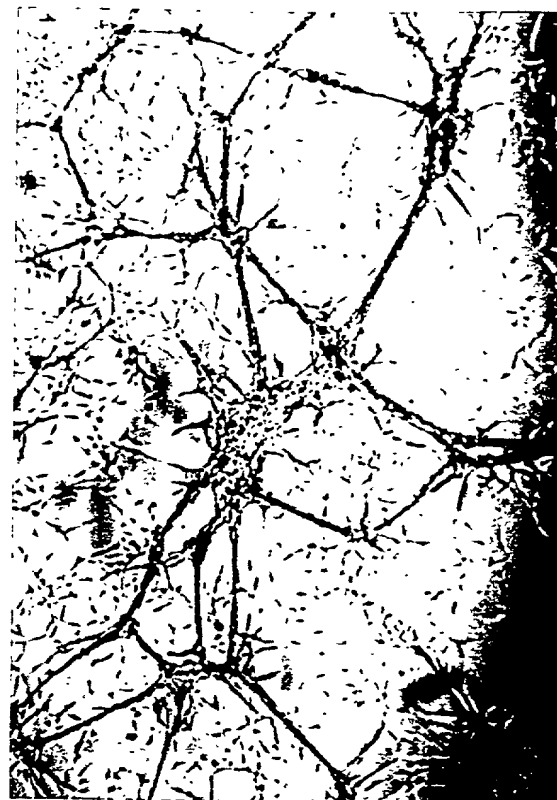
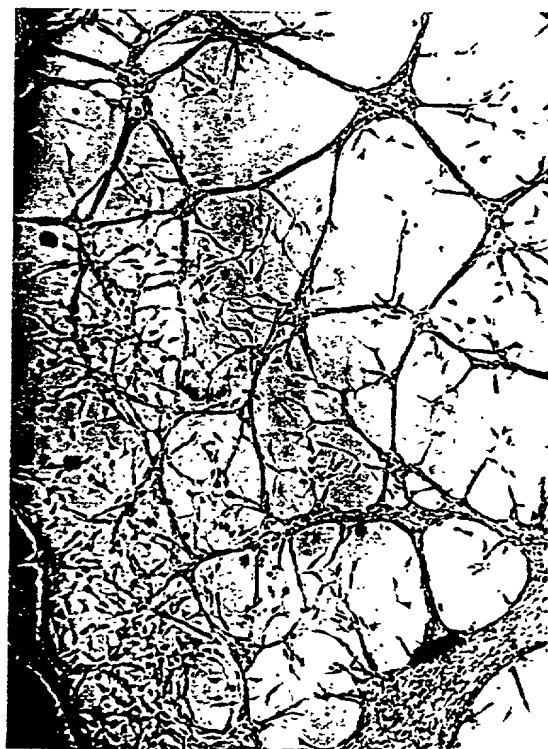


Figure 42

*in vitro*  $\alpha$ PPSC Differentiation on Matrigel

1% + VEGF

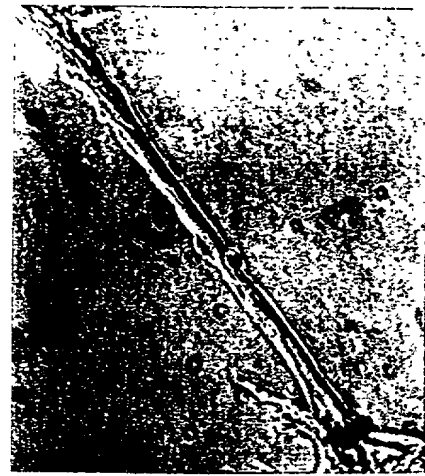
2 days conditioned

*Tube formation*

12 hours



24 hours



*loop formation?*

Figure 43

# *aPPSC Localization following Administration*

1 wk after i.v. injection  
to ischemic animal



*incorporated  
into bone marrow*

Figure 44

## Matrigel after 1wk Condition

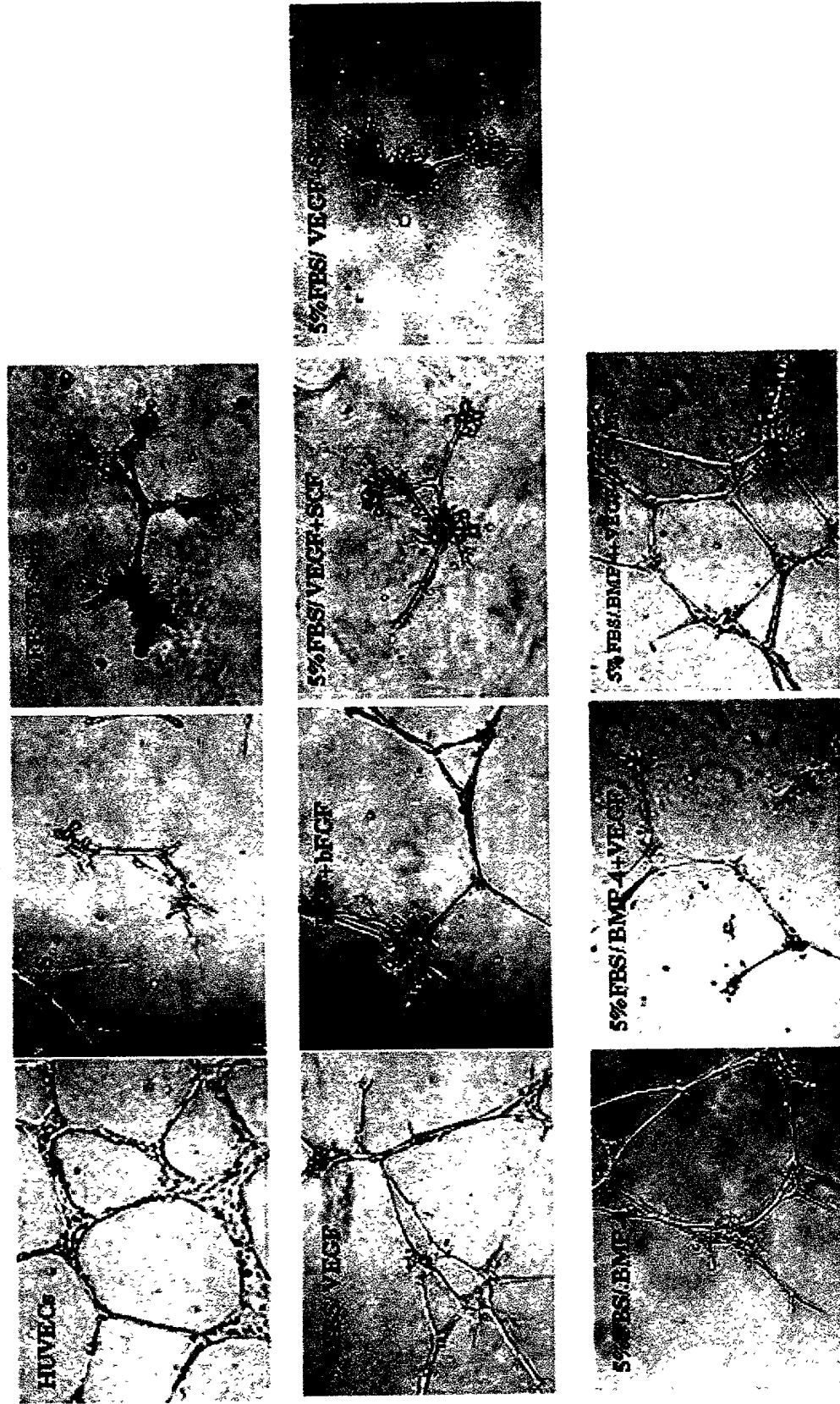


Figure 45

## ELSC-derived Cells in Matrigel

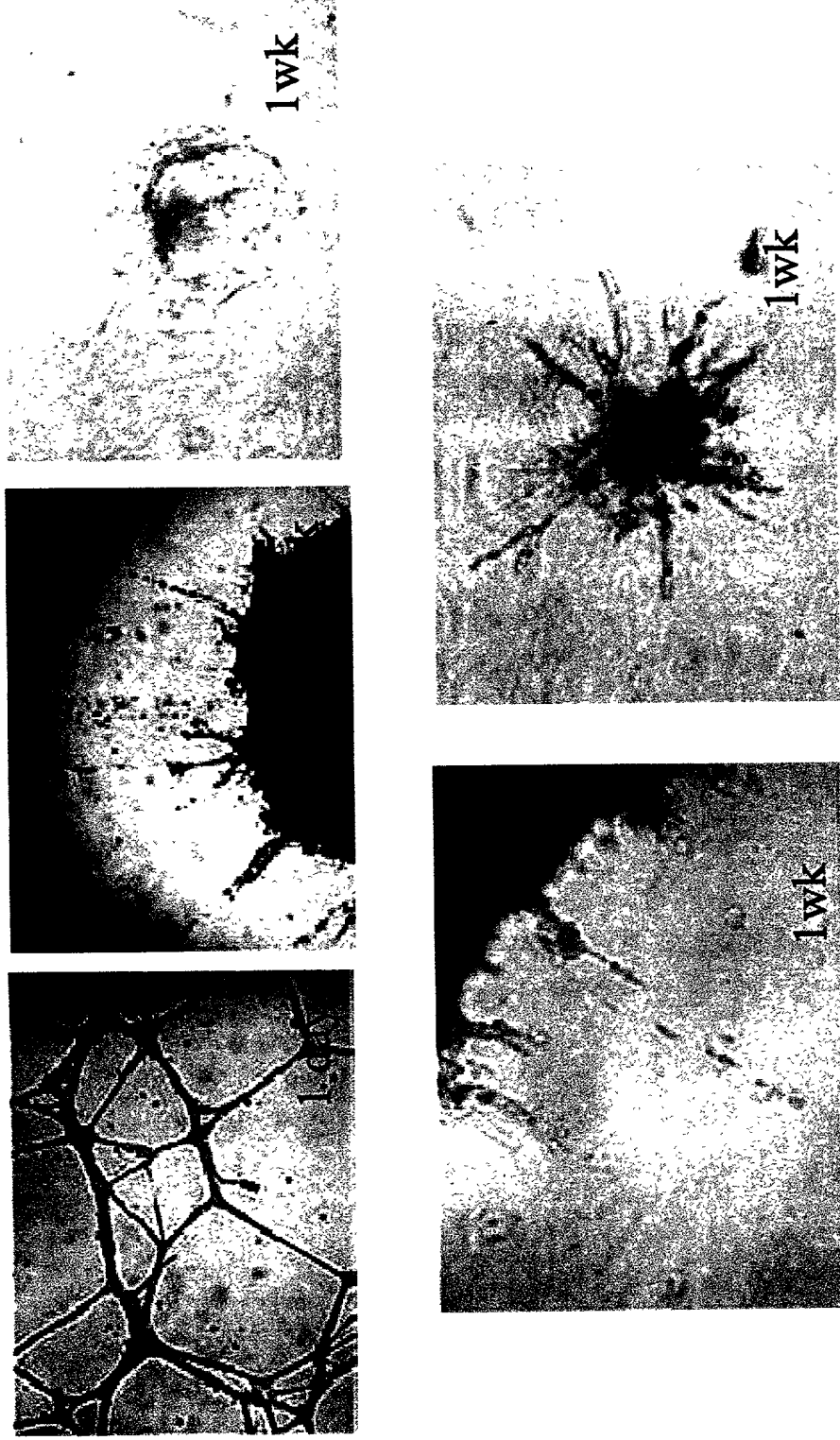


Figure 46

## ELSC-derived Cells in Matrigel

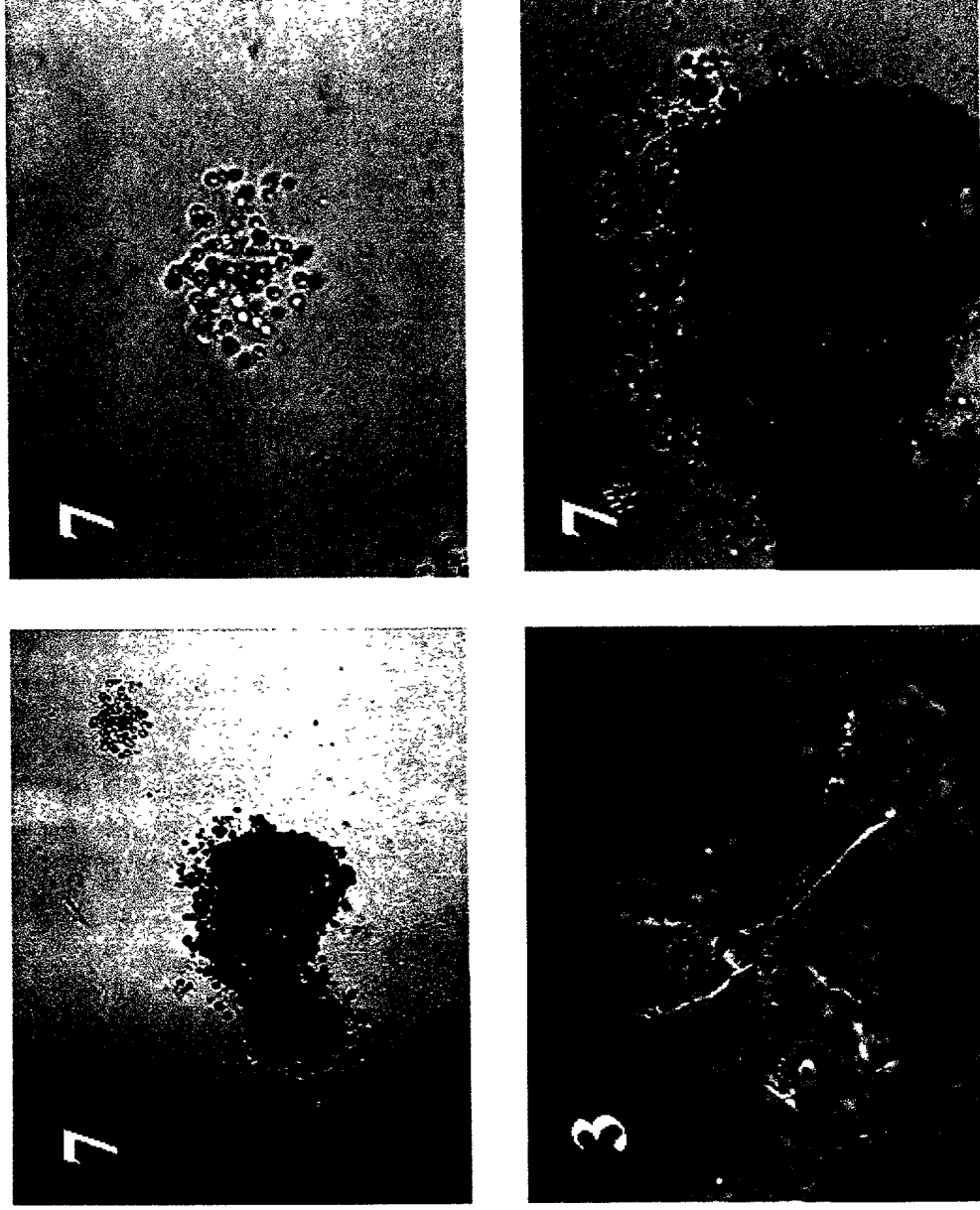


Figure 47

# ELSC Transplantation into Hindlimb Ischemia

2 wks



Figure 48



# ELSC Transplantation into Hindlimb Ischemia

2 wks



Figure 49

## Muscle Organogenesis by ELSC in Hindlimb Ischemia



2wks

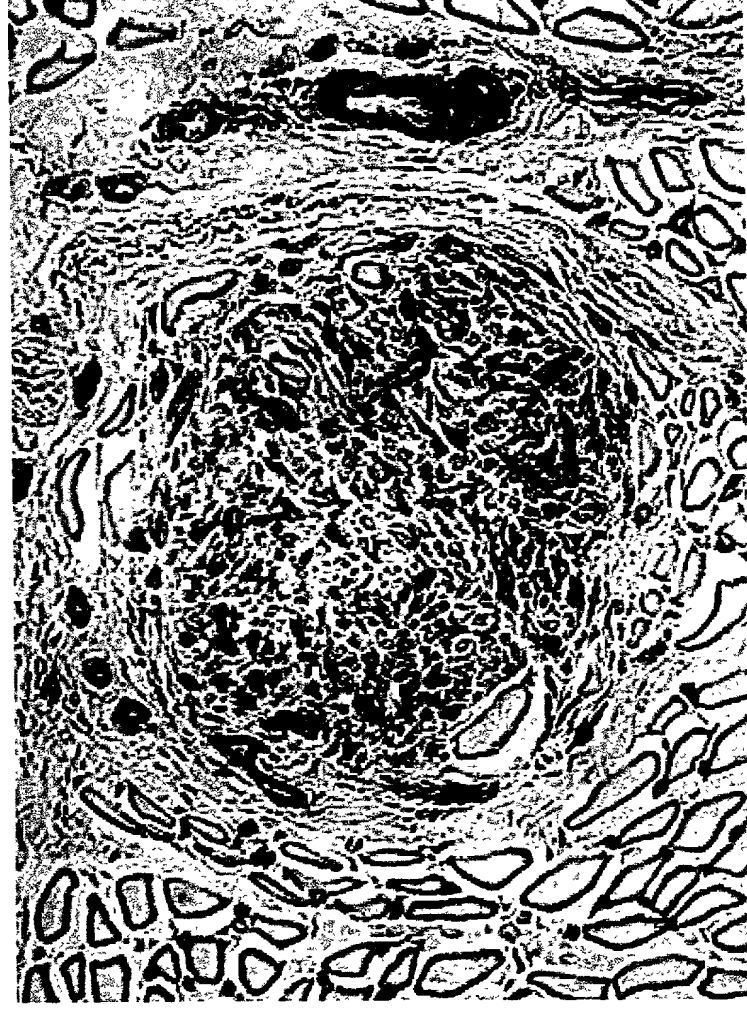
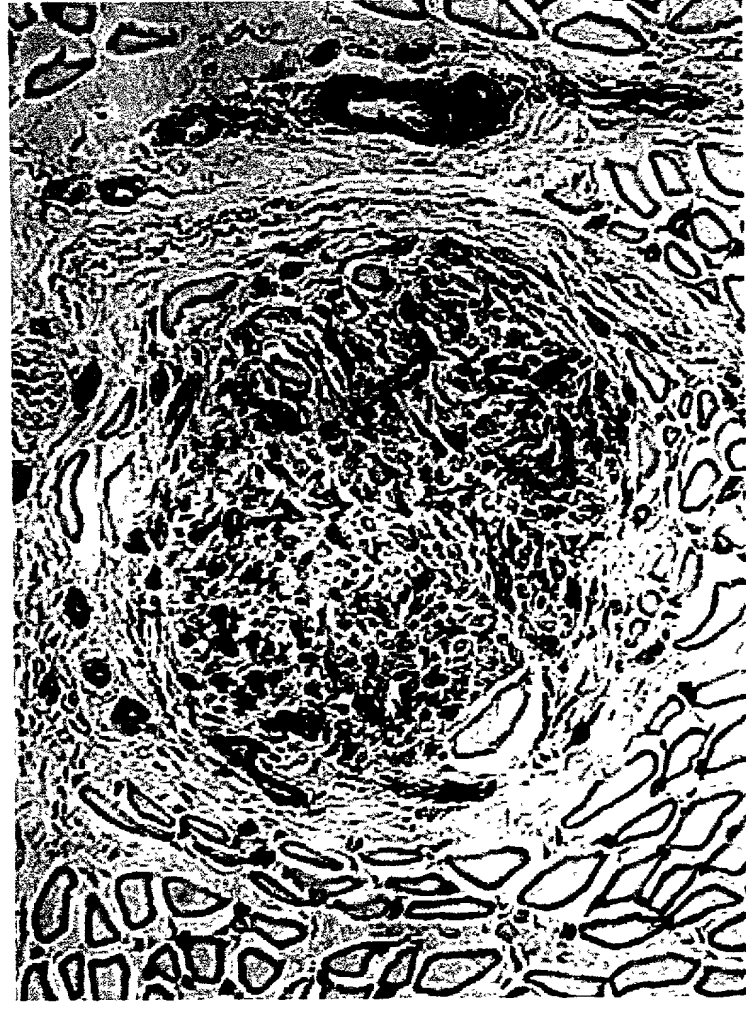


Figure 50

## Muscle Organogenesis by ELSC in Hindlimb Ischemia



2wks

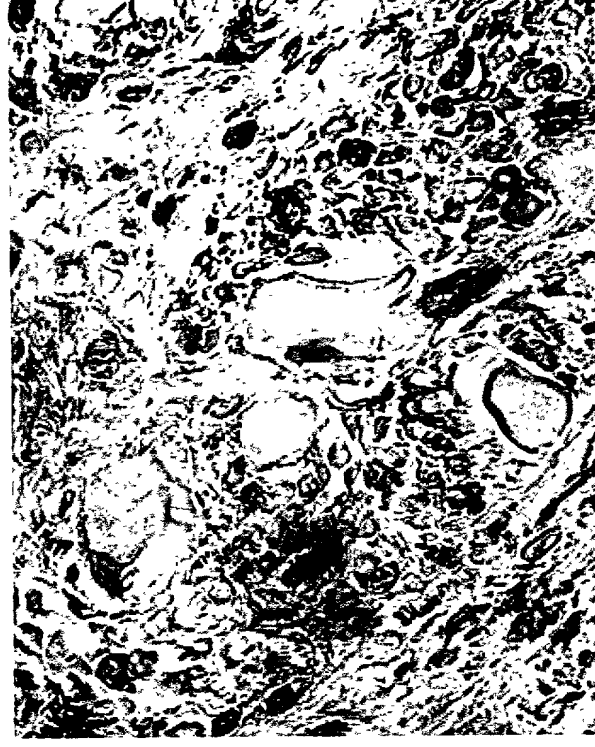


Figure 51

## Organogenesis with Neovascularization by ELSC in Hindlimb Ischemia



2wks



Figure 52



# CT3F-2(RT-PCR)

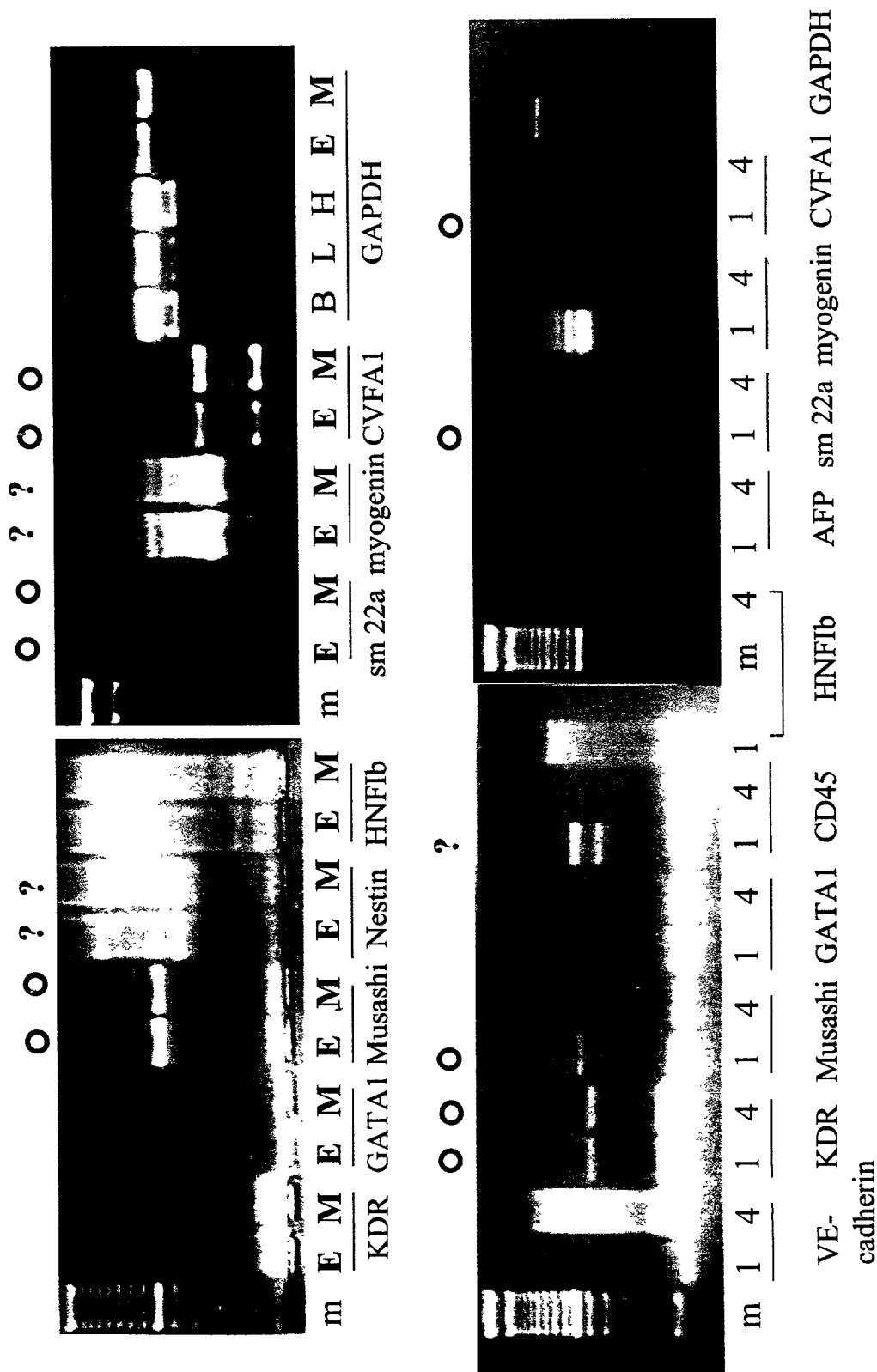
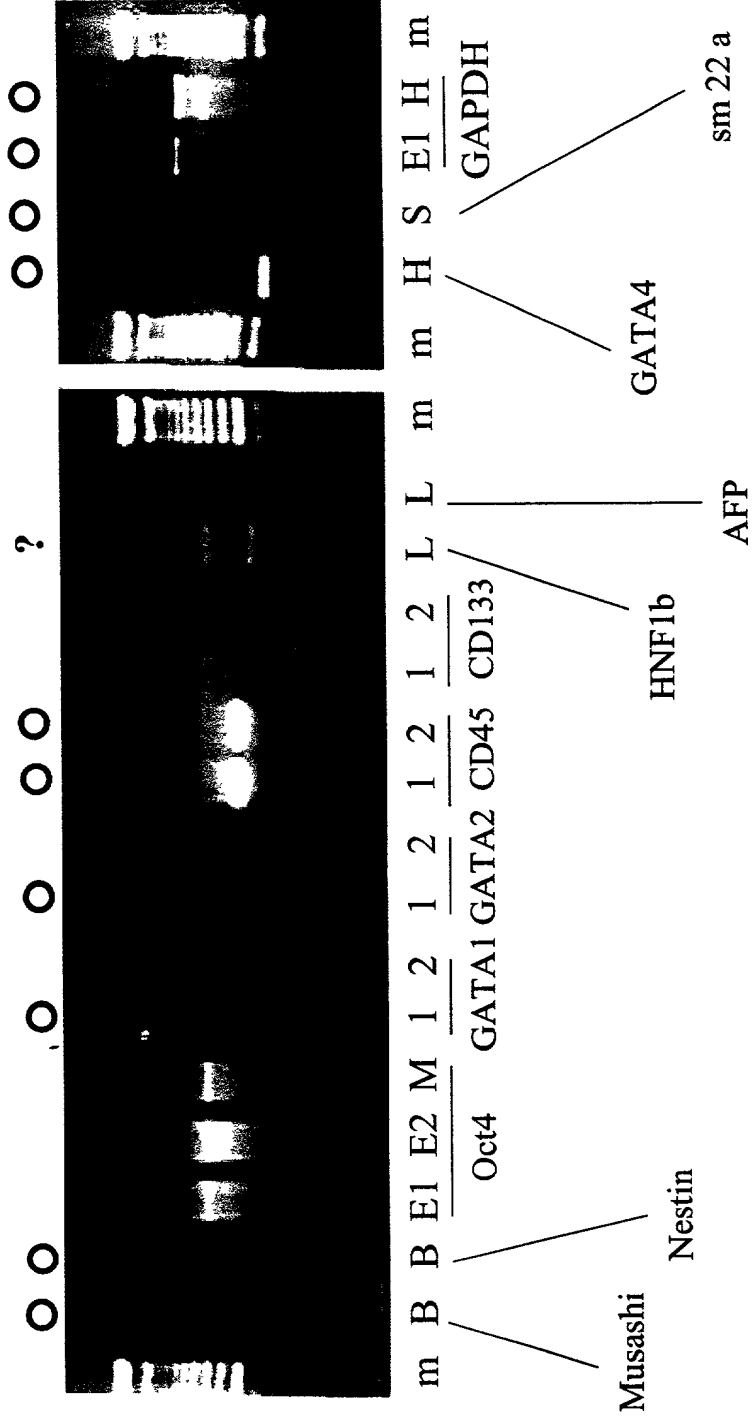
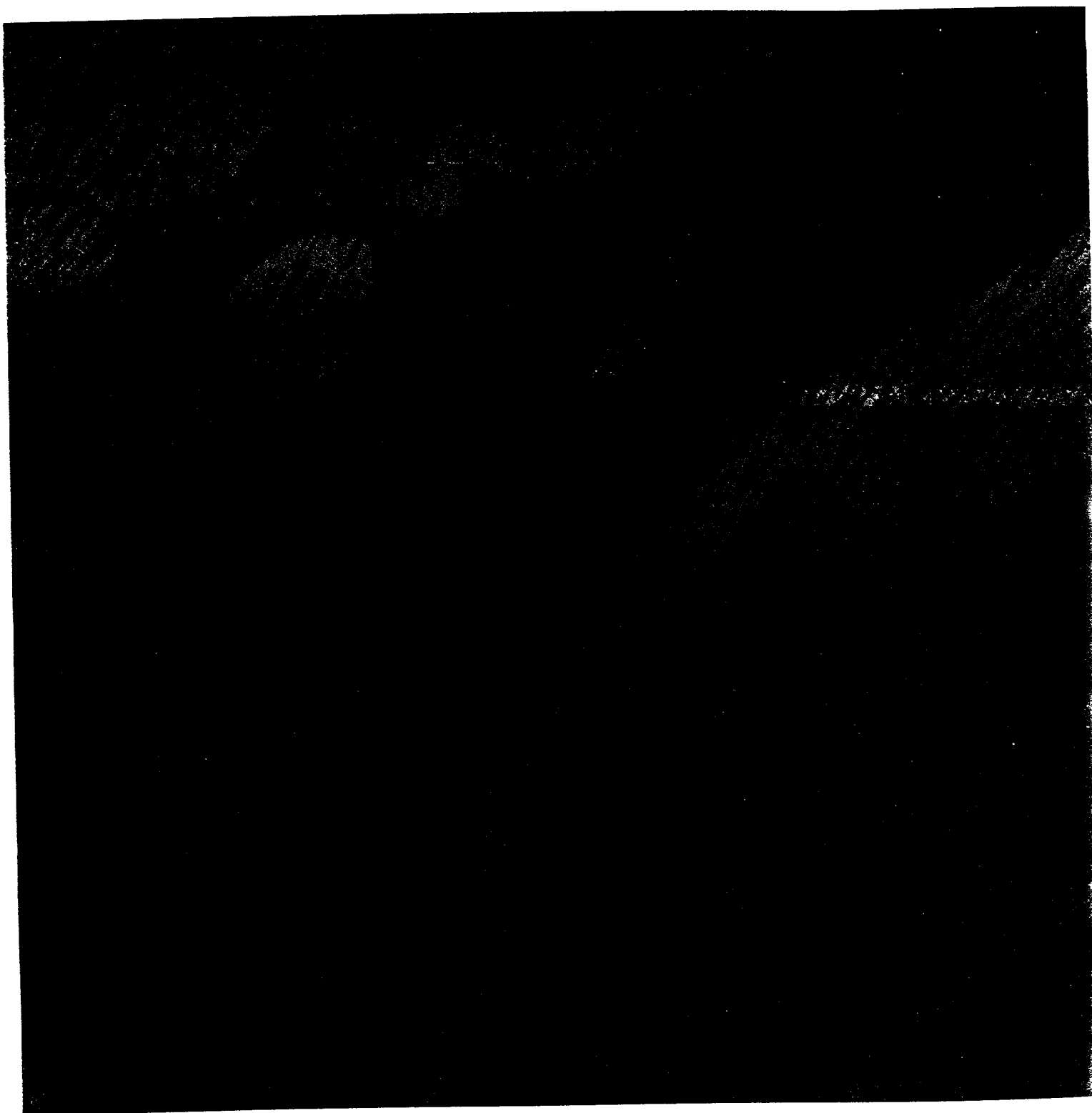


Figure 54

# Positive Control

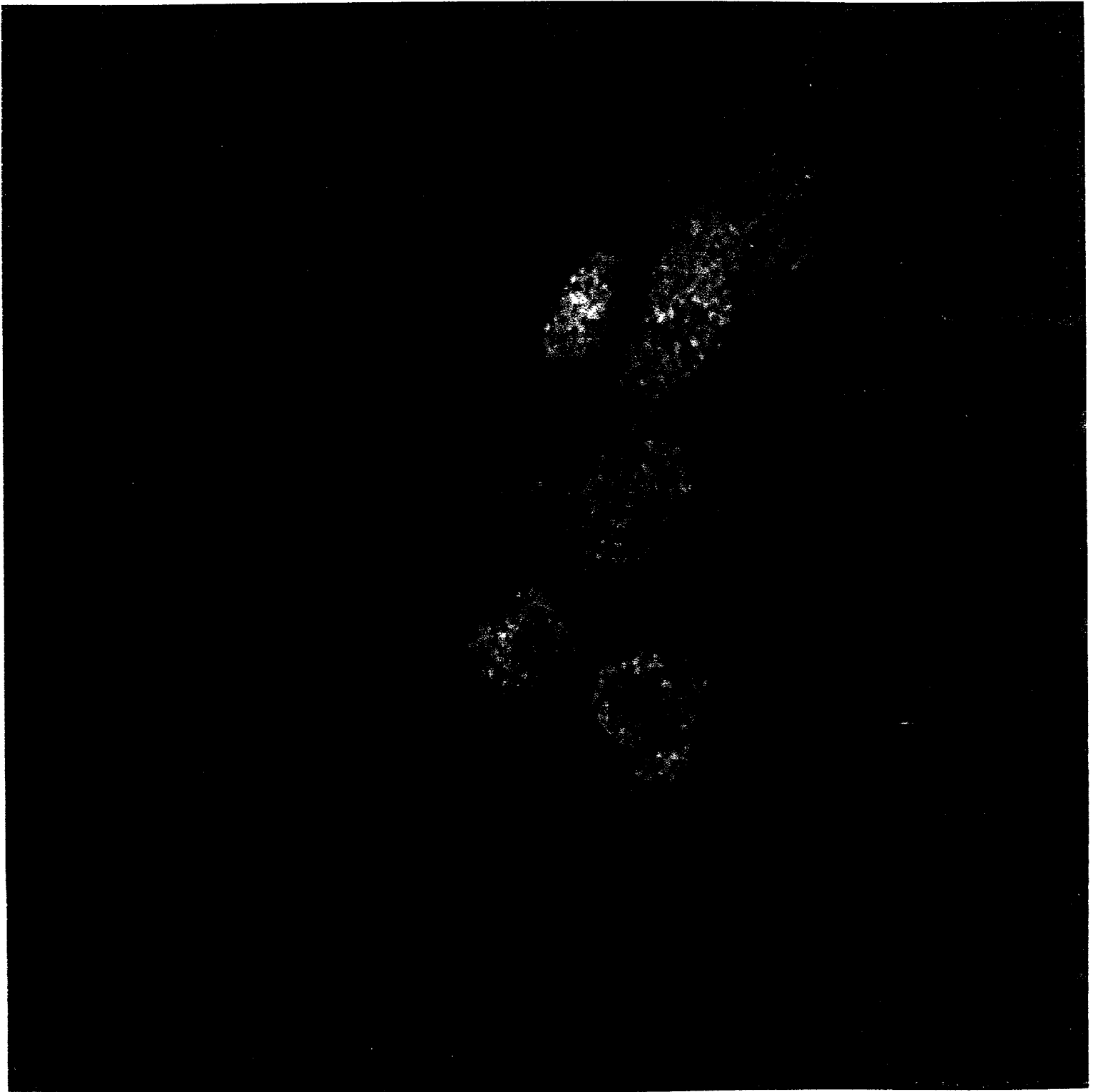


## Figure 55



**Figure 56**





**Figure 57**



Figure 58

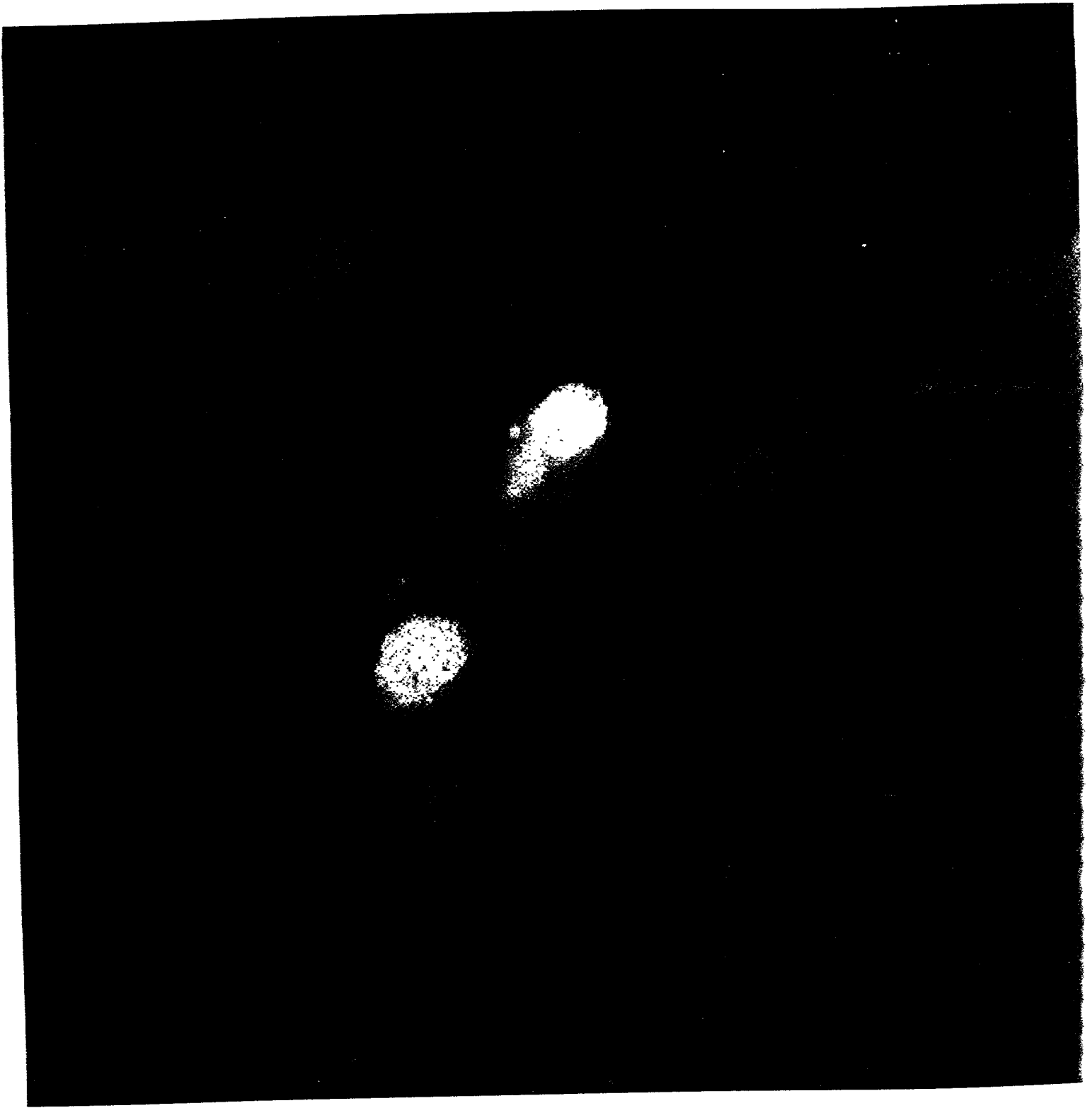
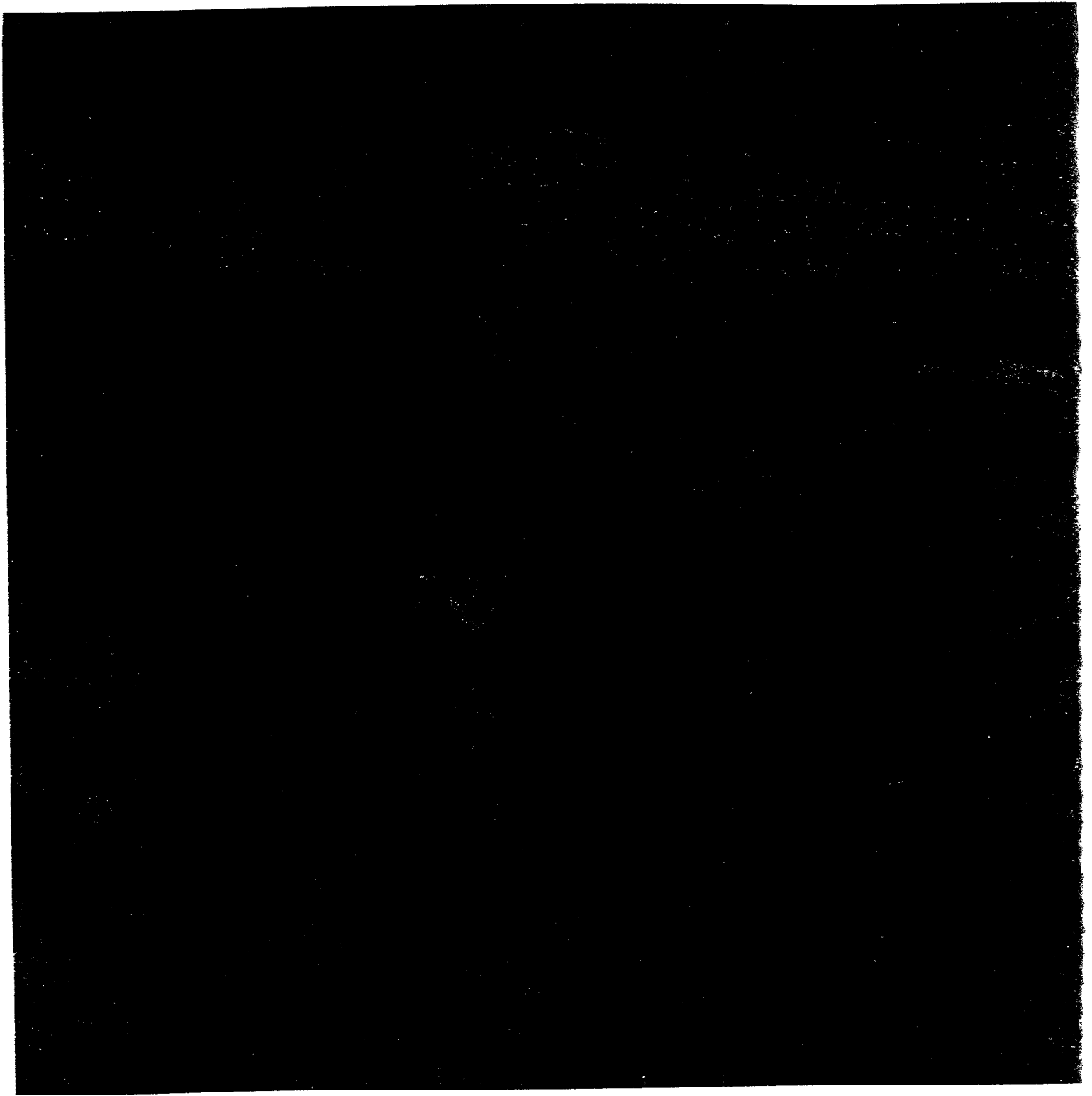
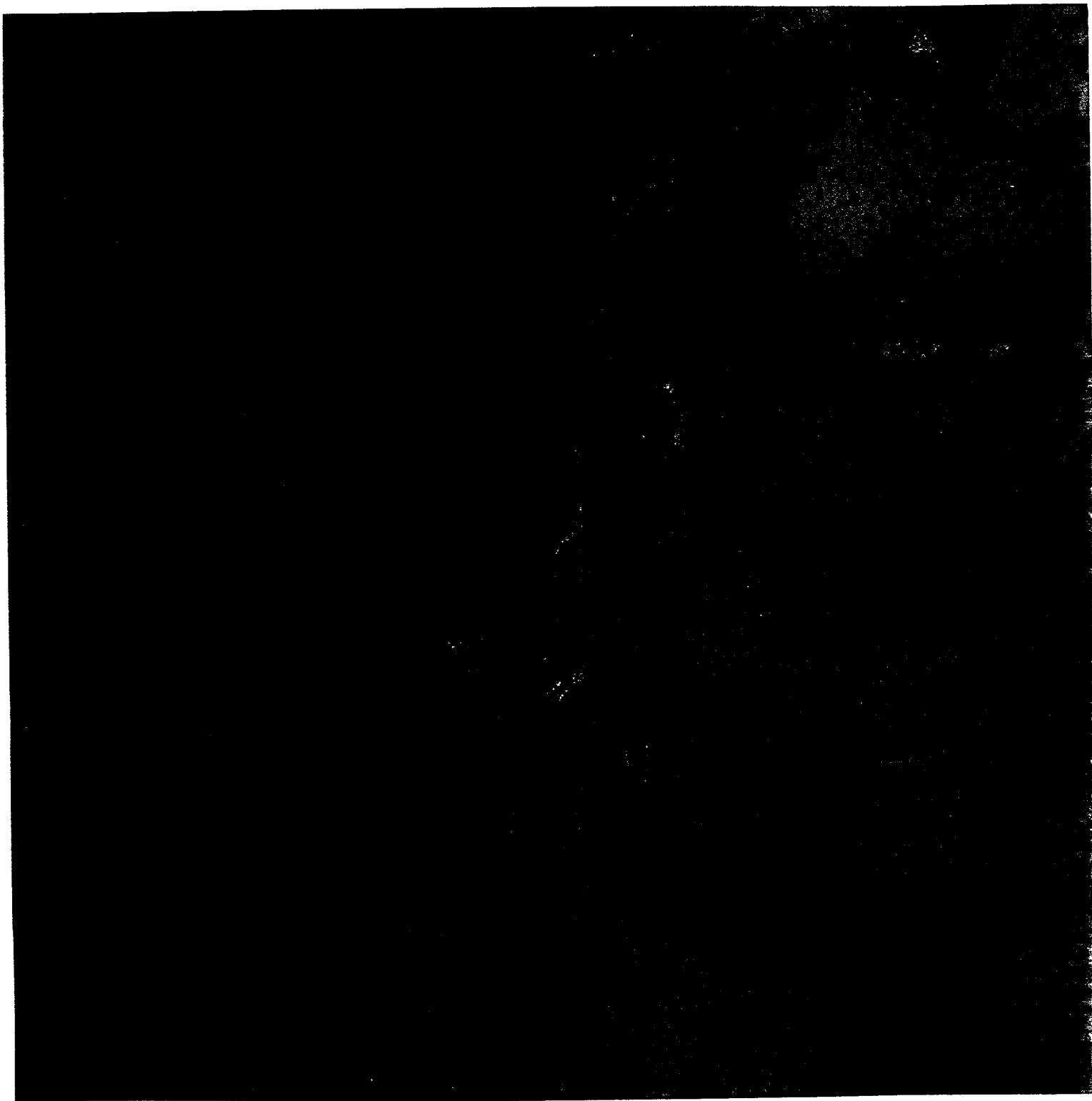


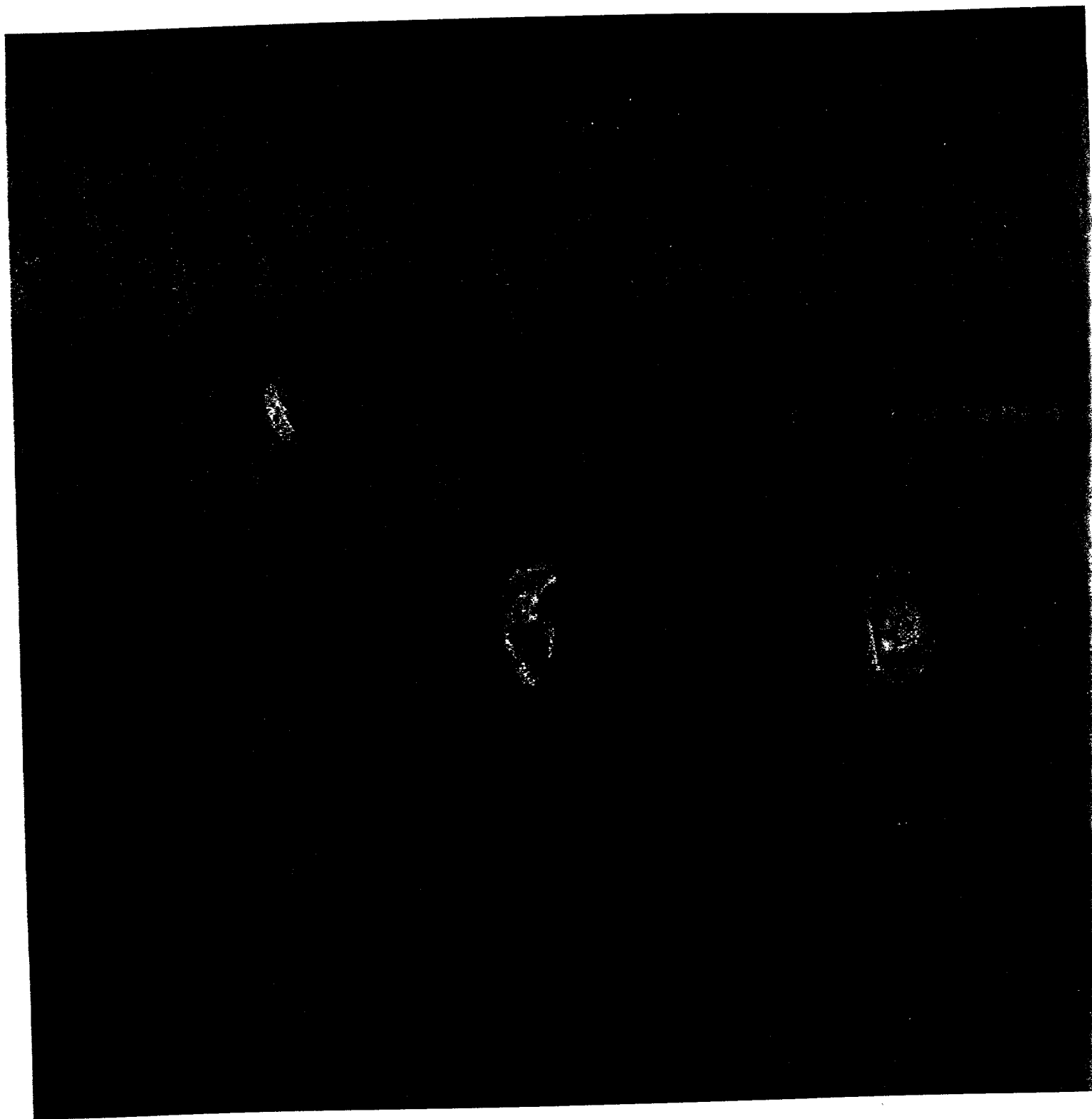
Figure 59



**Figure 60**



**Figure 61**



**Figure 62**

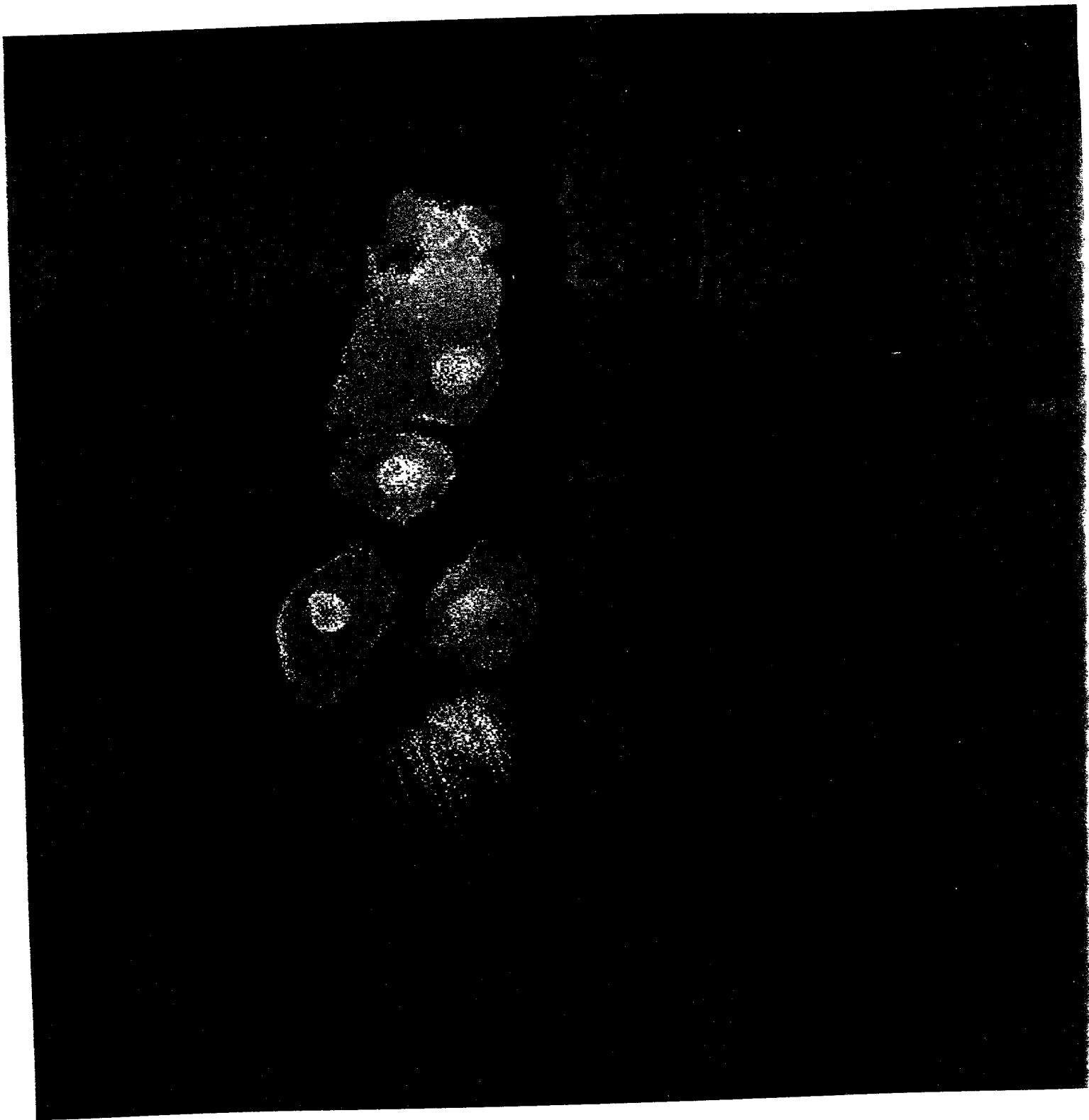
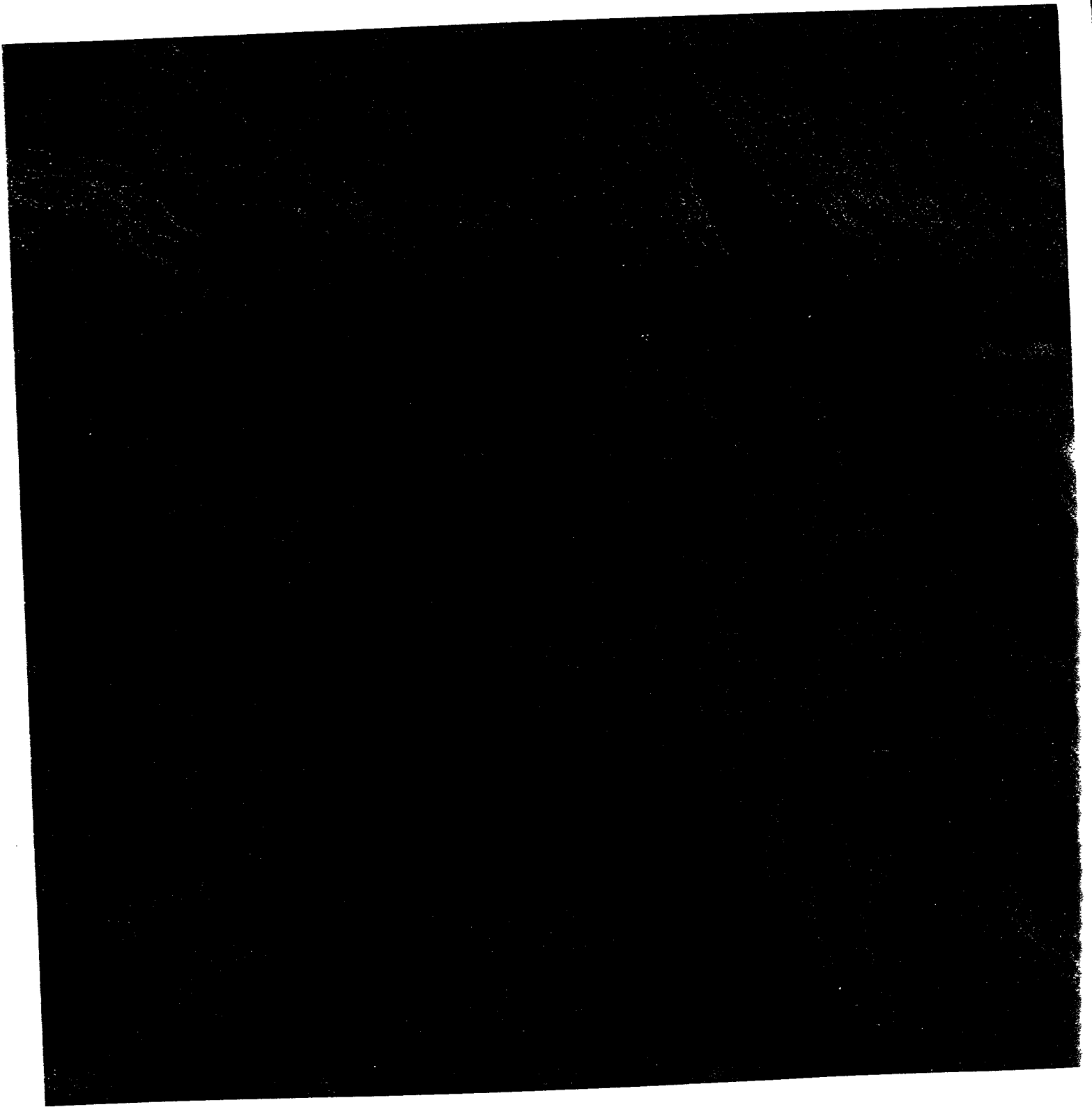


Figure 63



**Figure 64**



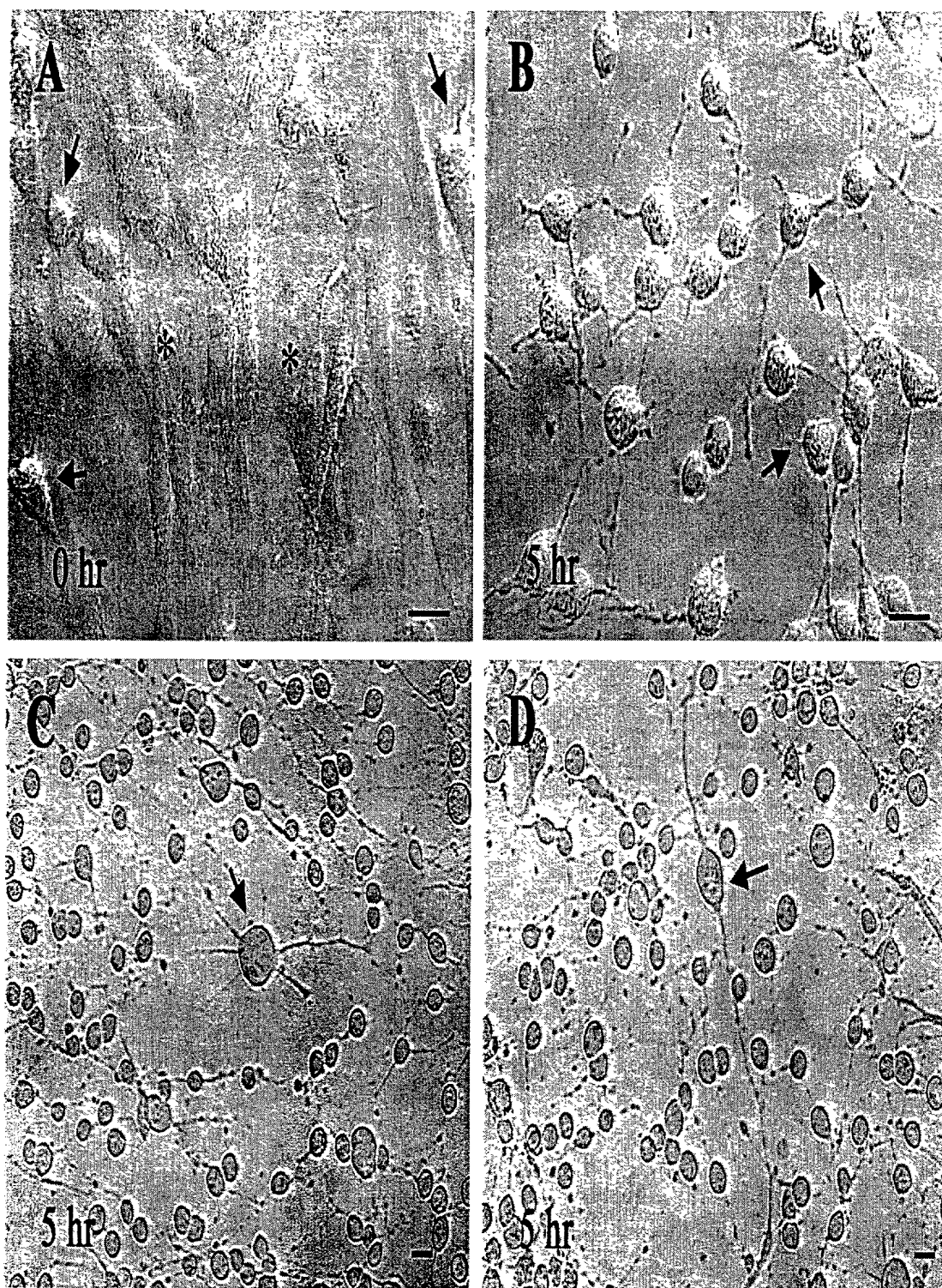


Figure 65

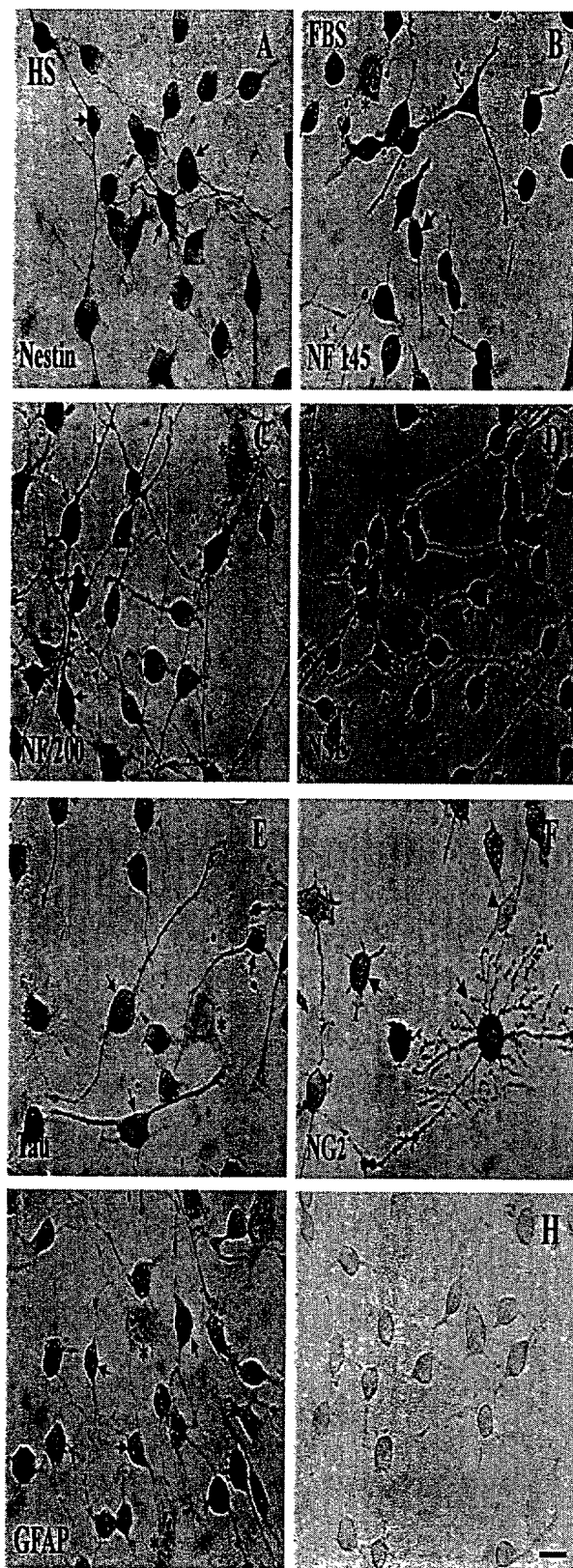
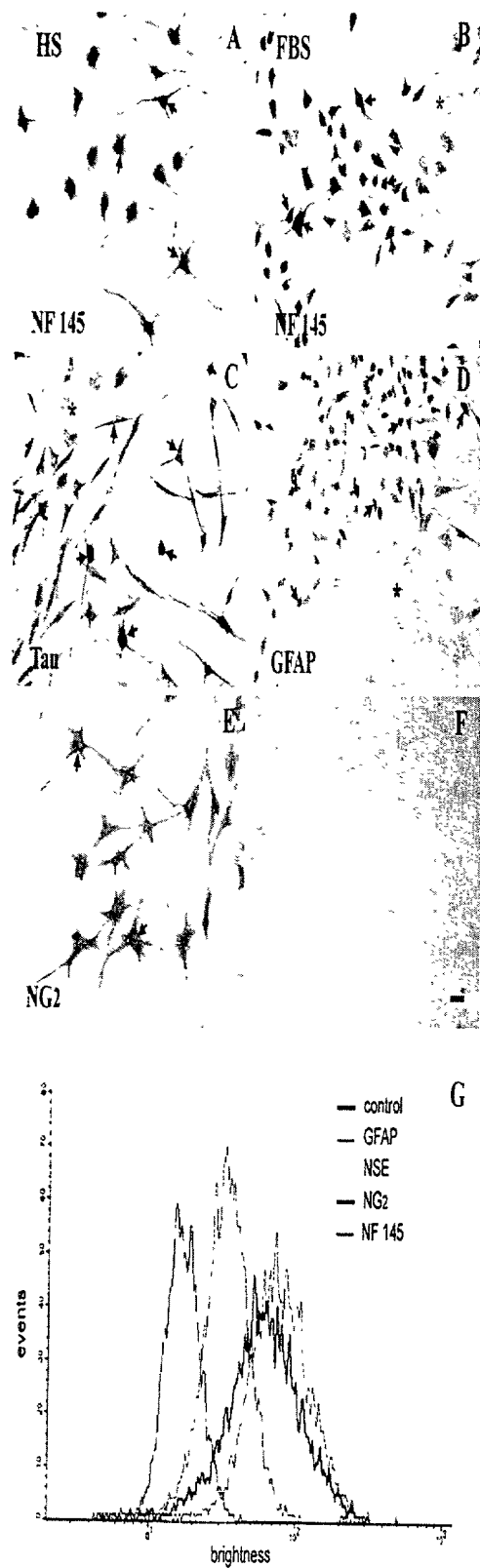
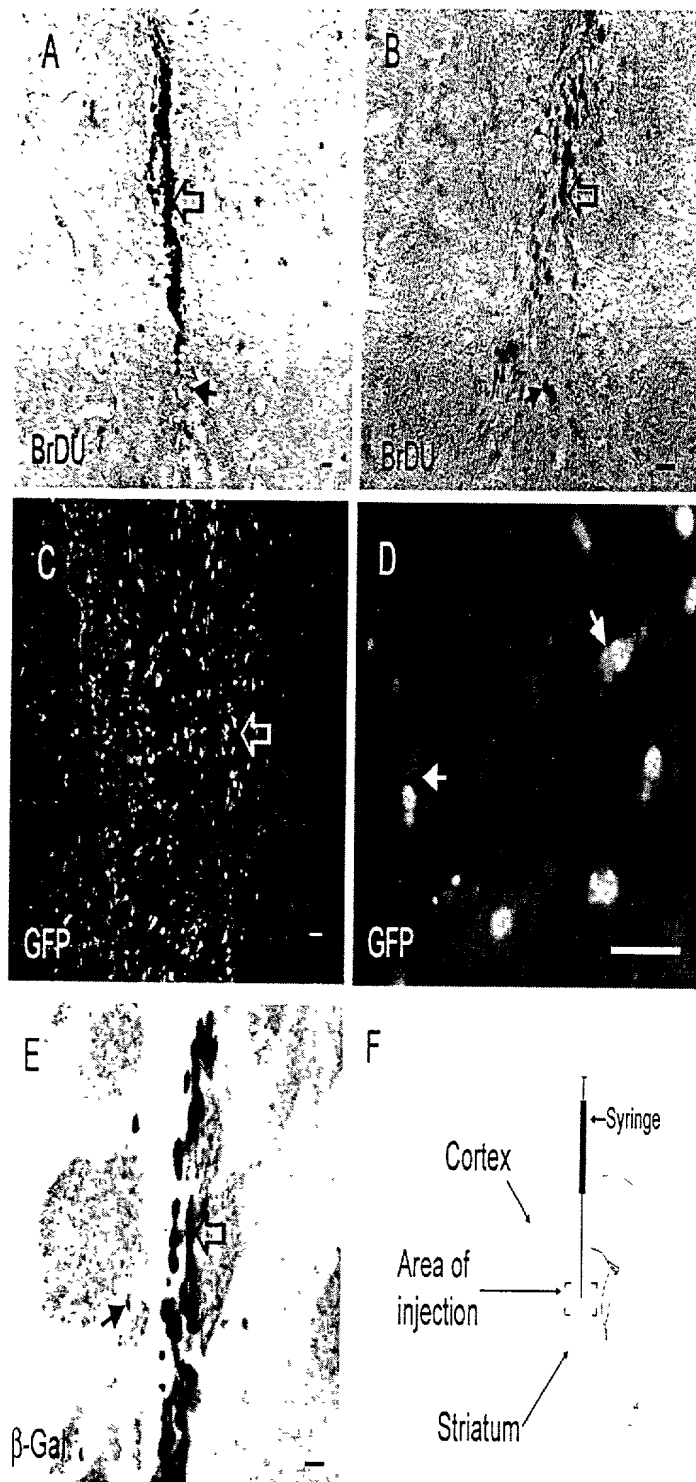


Figure 66



**Figure 67**



**Figure 68**

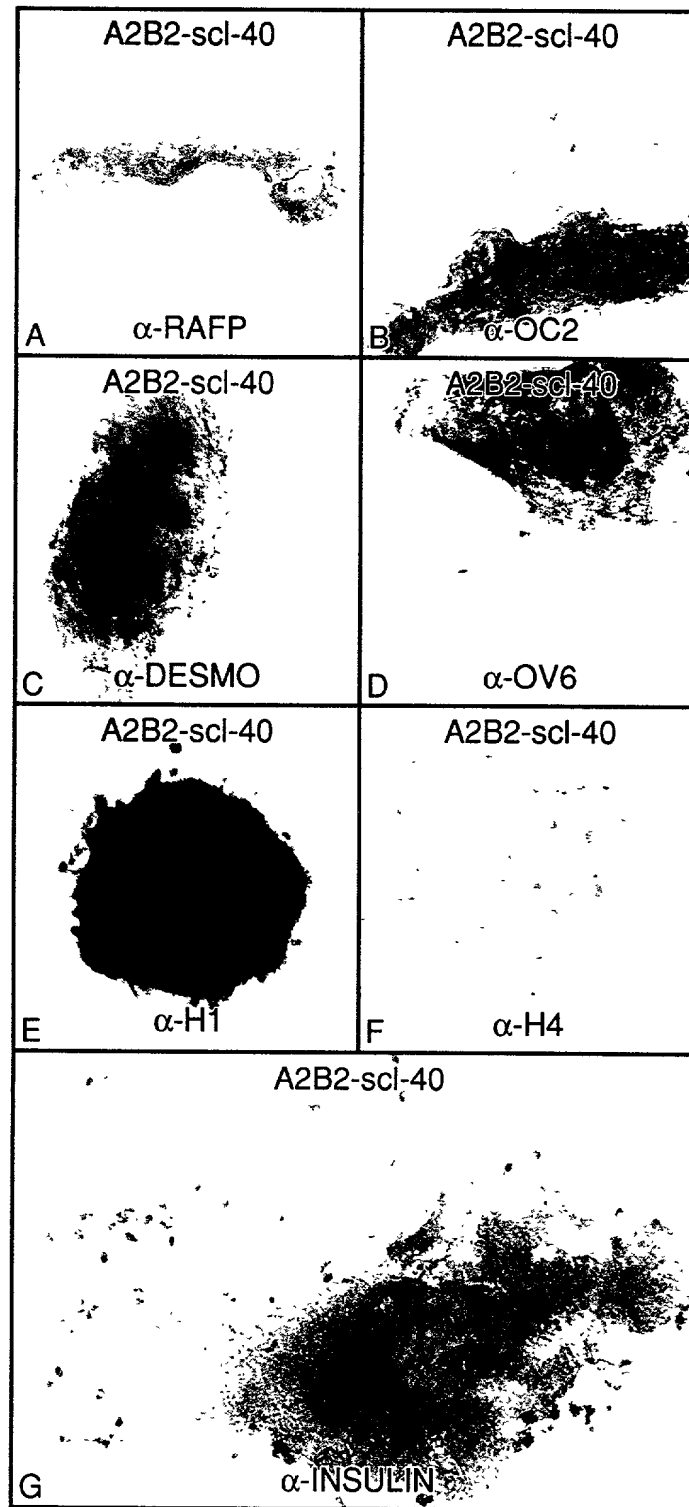


Figure 69

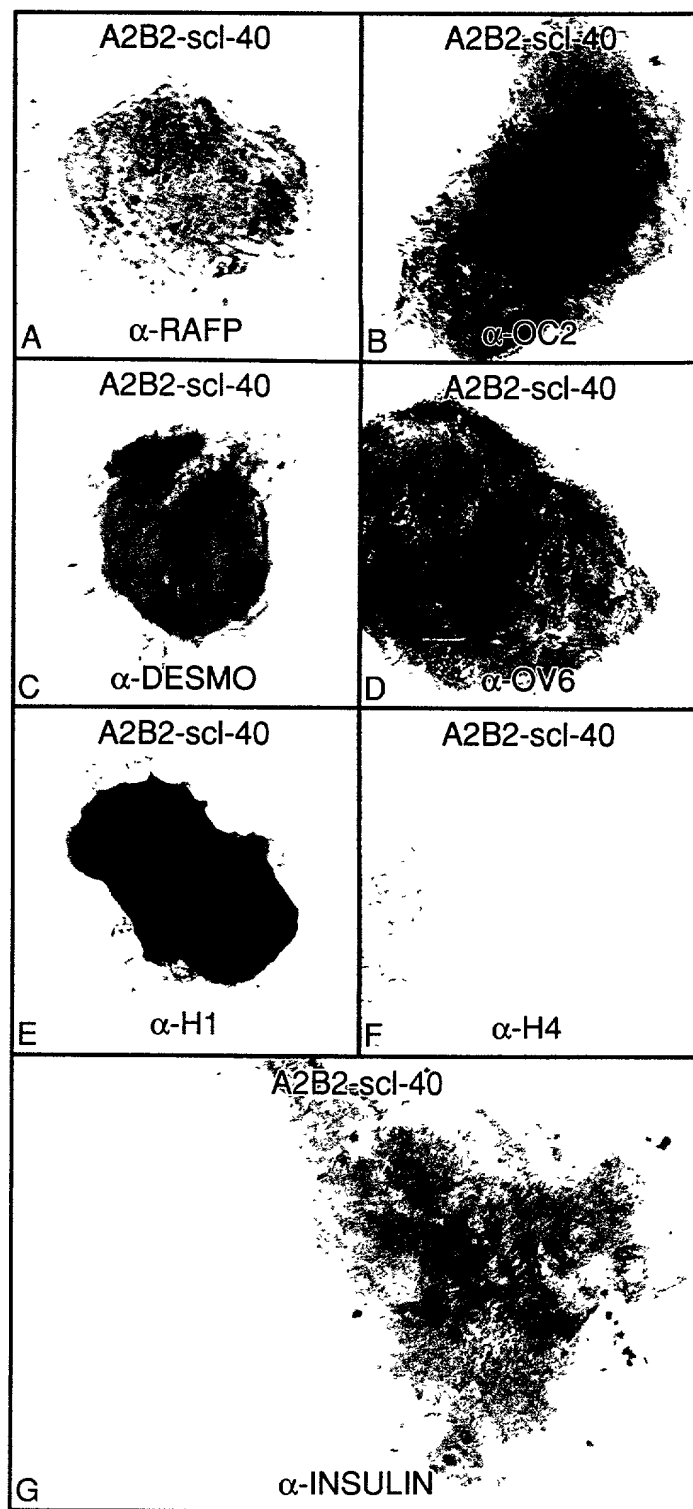
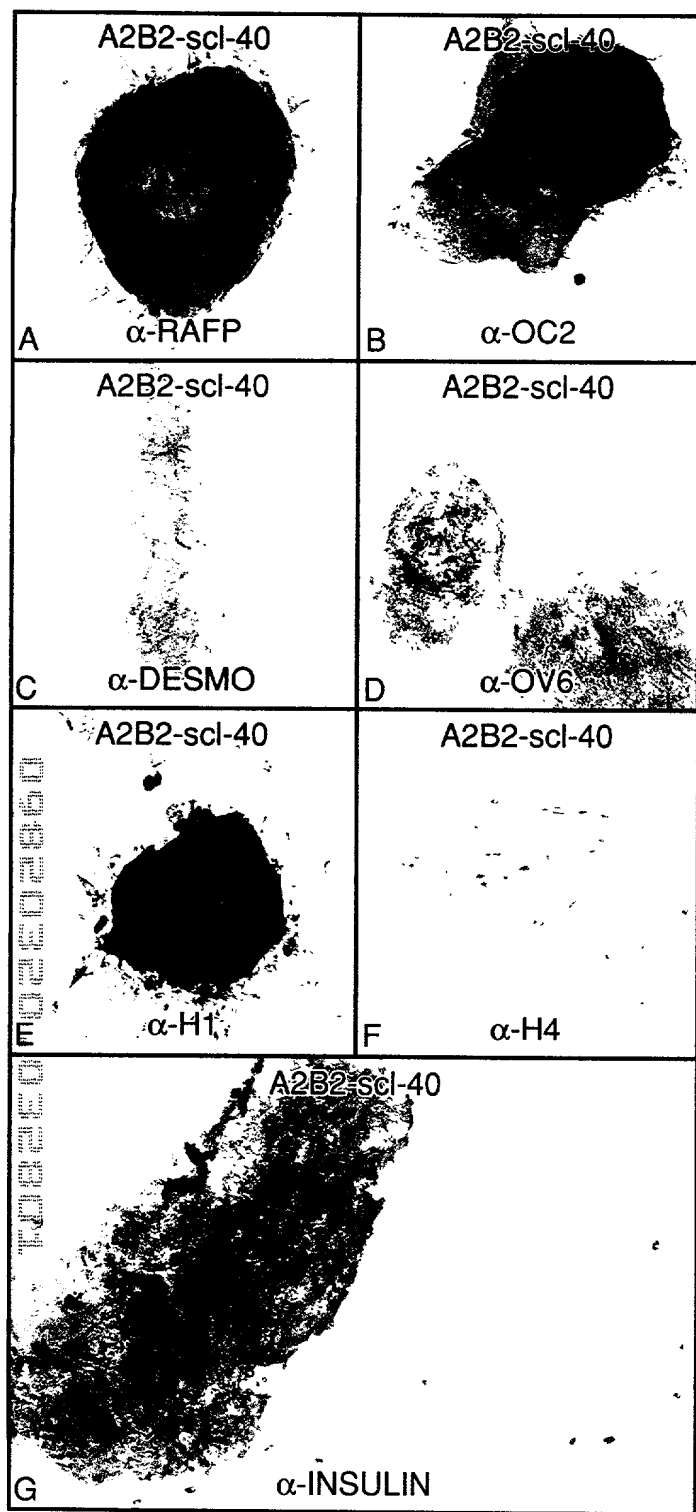


Figure 70

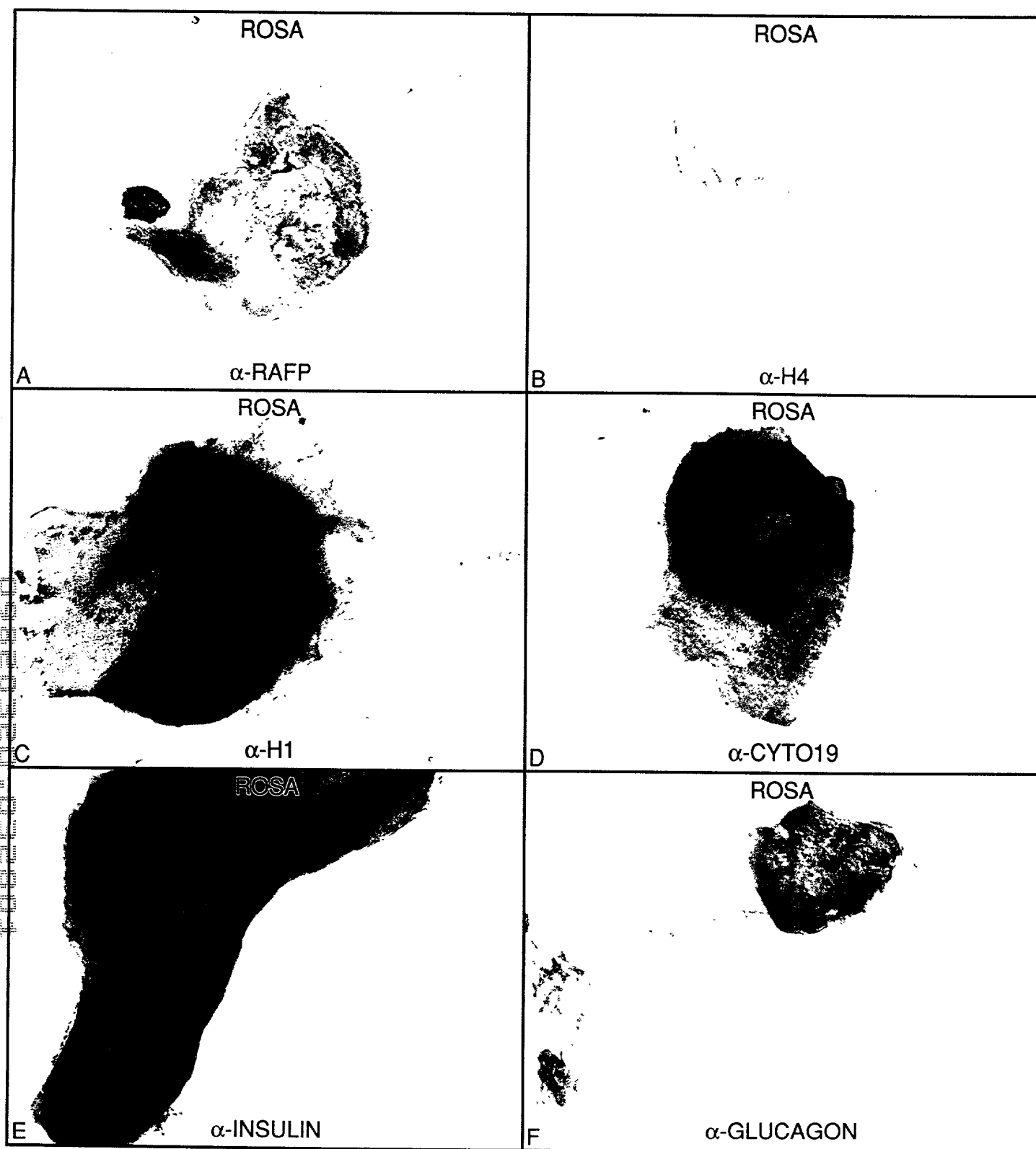


Figure 71

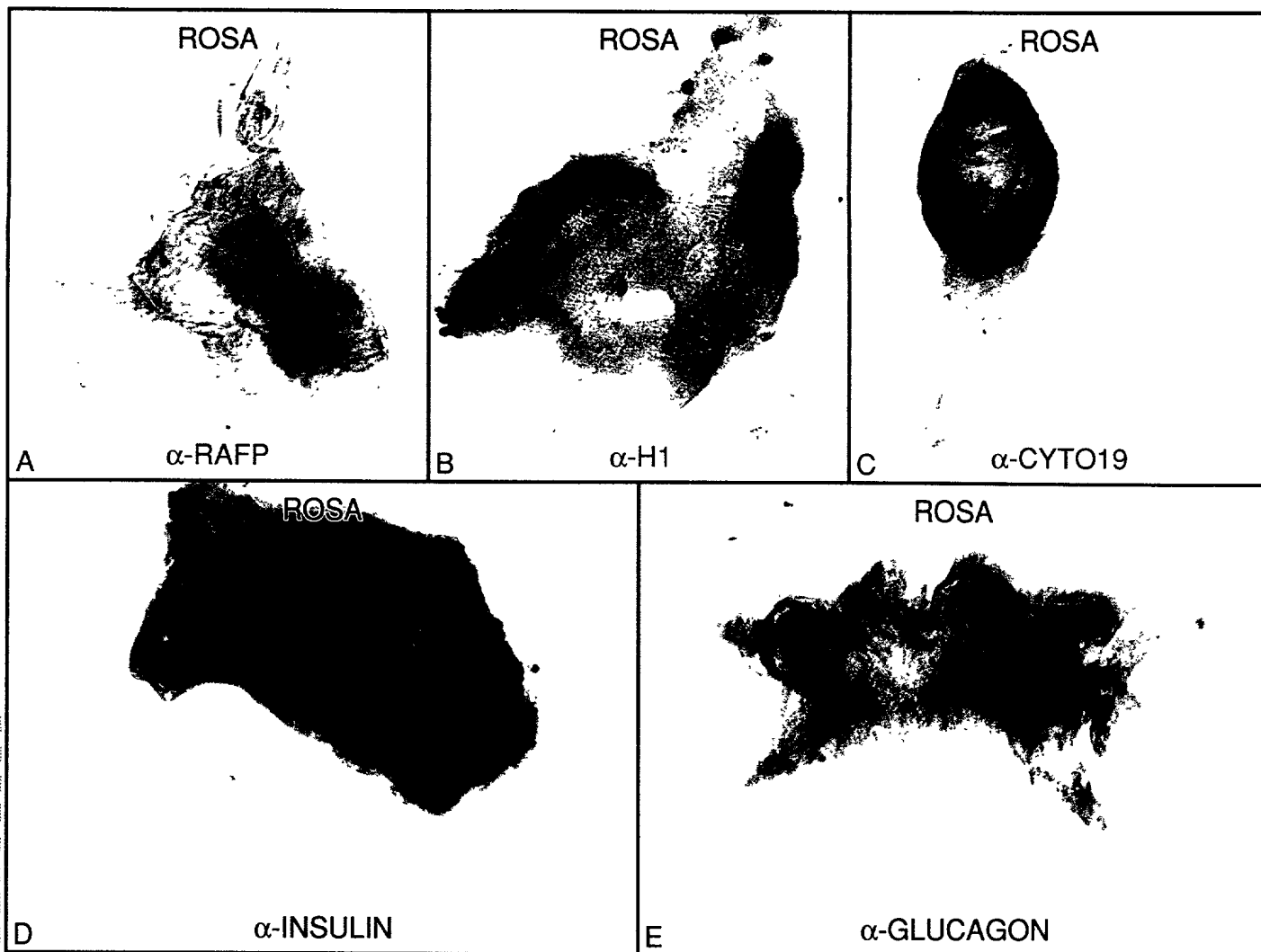


Figure 72



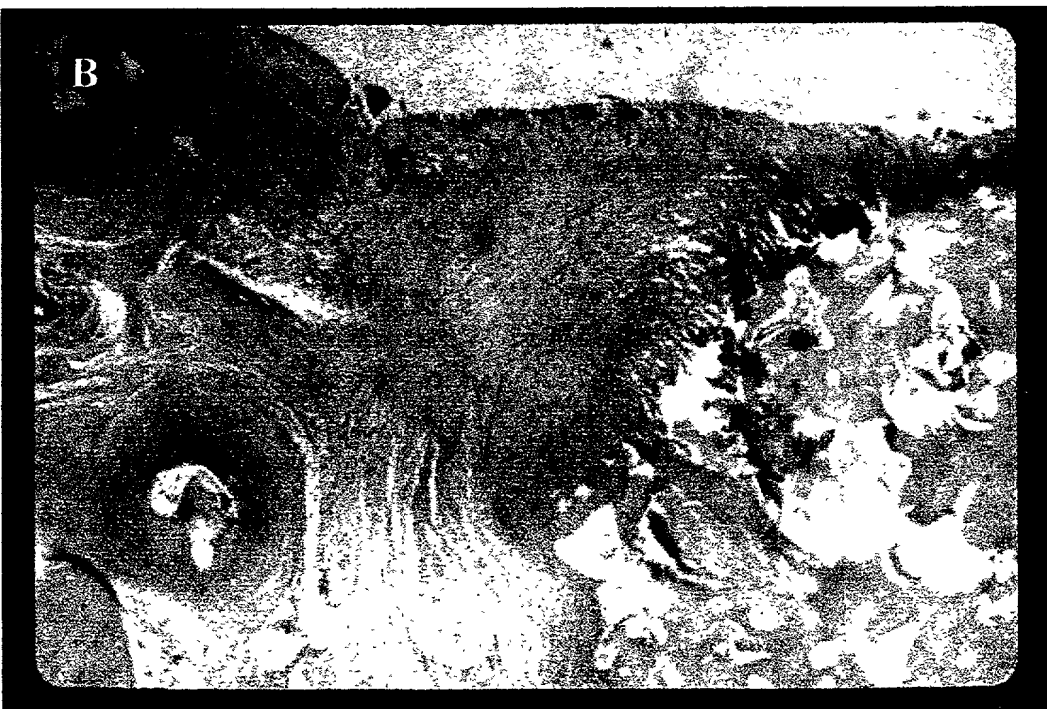
[illegible]

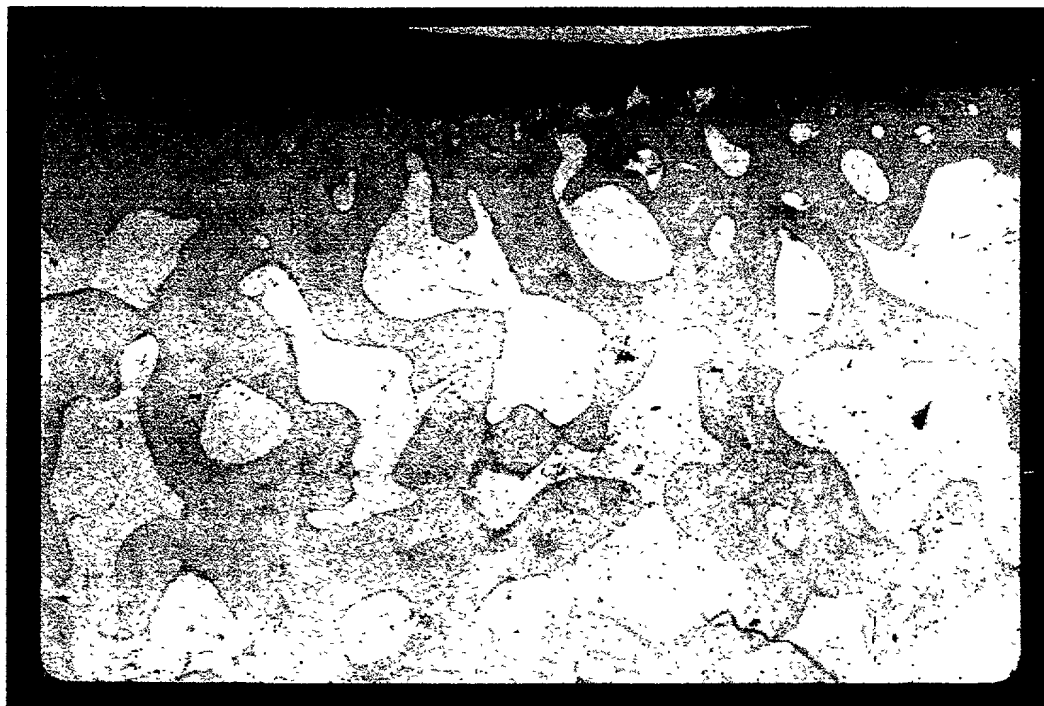
Figure 74



Figure 75



Figure 76



FO82E0"02E02850

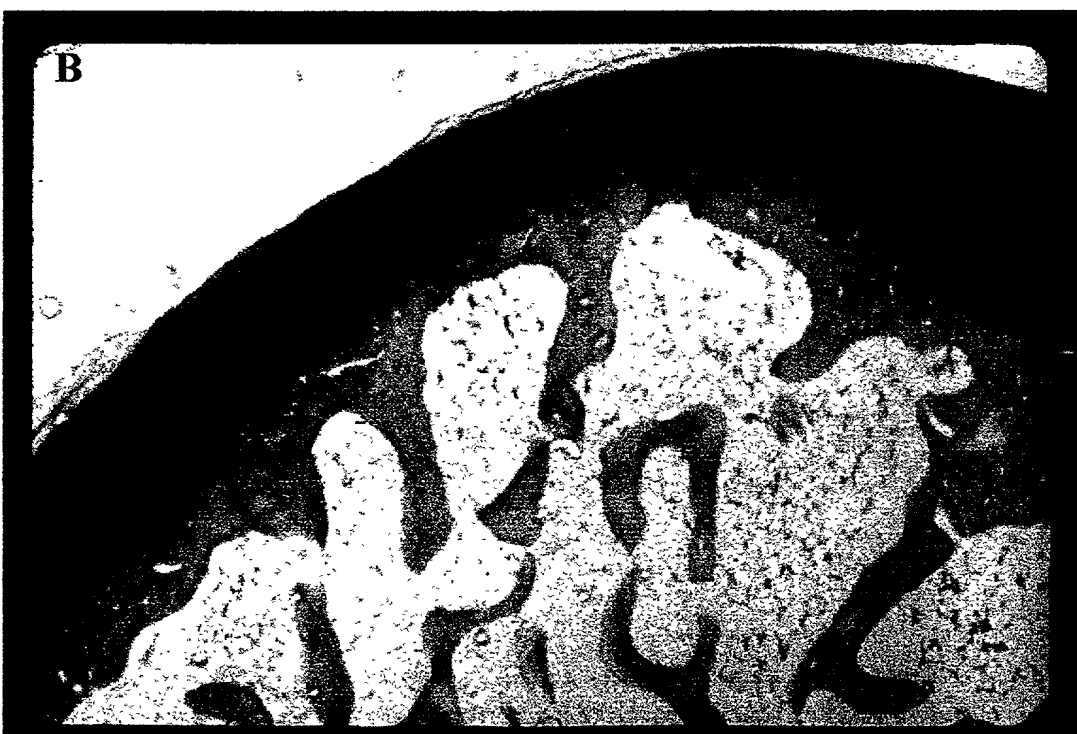
Figure 77



A high-contrast, black and white photograph showing a dark, heavily textured surface, likely a rock or cave wall. The texture is grainy and uneven, with many small pits and protrusions. In the upper right corner, there is a bright, irregularly shaped opening or hole, which appears to be a natural feature of the rock. The overall lighting is very dramatic, with deep shadows and bright highlights.

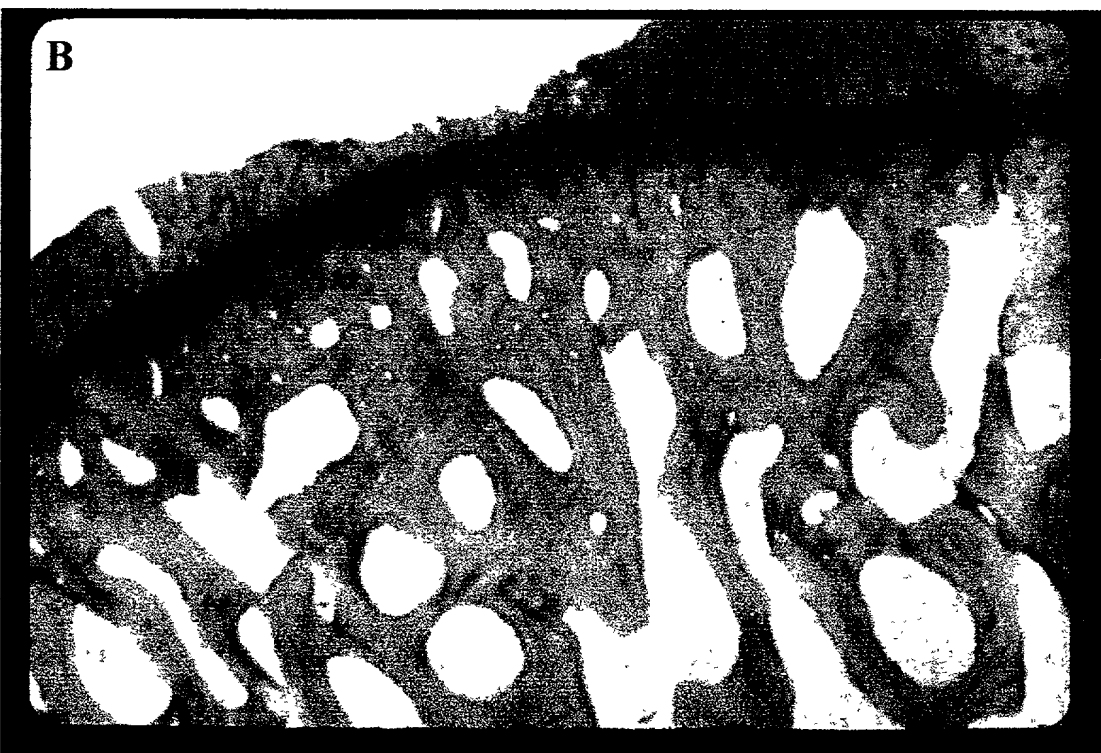
[illegible]

Figure 79



FO82ED 02E02860

Figure 80



0920320 02E02B50